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1926/27

University of Texas Bulletin

No. 2627: July 15, 1926

THE GRADUATE SCHOOL

CATALOGUE, 1925-1926

With Announcements for

1926-1927



PUBLISHED BY
THE UNIVERSITY OF TEXAS
AUSTIN

THE UNIVERSITY OF TEXAS

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DANIEL ALLEN PENICK, PH.D., *Assistant Director.*

HENRIETTA GILLILAND, *Secretary to the Director.*

Medical Branch (School of Medicine and College of Pharmacy), Galveston, Texas

HENRY CHARLES HARTMAN, M.D., *Acting Dean.*

JOHN CHRISTOPHER NOLAN, *Business Officer; Secretary to the Faculty.*

LEAH ZINN, *Administrative Secretary.*

College of Mines and Metallurgy, El Paso, Texas

JOHN WILLIAM KIDD, B.S., E.E., *Dean.*

RUTH MONRO AUGUR, *Registrar.*

MRS. M. H. WEBB, *Secretary.*

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PUBLISHED BY THE UNIVERSITY FOUR TIMES A MONTH, AND ENTERED AS
SECOND-CLASS MATTER AT THE POSTOFFICE AT AUSTIN, TEXAS,
UNDER THE ACT OF AUGUST 24, 1912

The benefits of education and of useful knowledge, generally diffused through a community, are essential to the preservation of a free government.

Sam Houston

Cultivated mind is the guardian genius of democracy. . . . It is the only dictator that freemen acknowledge and the only security that freemen desire.

Mirabeau B. Lamar

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no. 2627

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CALENDAR FOR 1926-1927

1926														1927															
January							July							January							July								
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S		
3	4	5	6	7	1	2	4	5	6	7	1	2	3	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3
10	11	12	13	14	15	16	11	12	13	14	15	16	17	9	10	11	12	13	14	15	10	11	12	13	14	15	16	17	
17	18	19	20	21	22	23	18	19	20	21	22	23	24	16	17	18	19	20	21	22	17	18	19	20	21	22	23	24	
24	25	26	27	28	29	30	25	26	27	28	29	30	31	23	24	25	26	27	28	29	24	25	26	27	28	29	30	31	
31														30	31						31								
February							August							February							August								
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S		
7	1	2	3	4	5	6	1	2	3	4	5	6	7	6	7	1	2	3	4	5	6	1	2	3	4	5	6		
14	8	9	10	11	12	13	8	9	10	11	12	13	14	13	14	15	16	17	18	19	14	15	16	17	18	19	20		
21	15	16	17	18	19	20	15	16	17	18	19	20	21	20	21	22	23	24	25	26	21	22	23	24	25	26	27		
28	22	23	24	25	26	27	22	23	24	25	26	27	28	27	28	29	30	31			28	29	30	31					
March							September							March							September								
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S		
7	1	2	3	4	5	6	5	6	7	8	9	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		
14	8	9	10	11	12	13	12	13	14	15	16	17	18	13	14	15	16	17	18	19	11	12	13	14	15	16	17		
21	15	16	17	18	19	20	19	20	21	22	23	24	25	20	21	22	23	24	25	26	18	19	20	21	22	23	24		
28	22	23	24	25	26	27	26	27	28	29	30			27	28	29	30	31			25	26	27	28	29	30			
April							October							April							October								
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S		
4	5	6	7	1	2	3	3	4	5	6	7	8	9	3	4	5	6	7	8	9	2	3	4	5	6	7	8		
11	12	13	14	15	16	17	10	11	12	13	14	15	16	10	11	12	13	14	15	16	9	10	11	12	13	14	15		
18	19	20	21	22	23	24	17	18	19	20	21	22	23	17	18	19	20	21	22	23	16	17	18	19	20	21	22		
25	26	27	28	29	30		24	25	26	27	28	29	30	24	25	26	27	28	29	30	23	24	25	26	27	28	29		
							31							30	31						30	31							
May							November							May							November								
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S		
2	3	4	5	6	7	1	1	2	3	4	5	6	7	1	2	3	4	5	6	7	6	7	8	9	10	11	12		
9	10	11	12	13	14	15	14	15	16	17	18	19	20	8	9	10	11	12	13	14	13	14	15	16	17	18	19		
16	17	18	19	20	21	22	21	22	23	24	25	26	27	15	16	17	18	19	20	21	20	21	22	23	24	25	26		
23	24	25	26	27	28	29	28	29	30					22	23	24	25	26	27	28	27	28	29	30					
30	31													29	30	31													
June							December							June							December								
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S		
6	7	8	9	10	11	12	5	6	7	8	9	10	11	5	6	7	8	9	10	11	4	5	6	7	8	9	10		
13	14	15	16	17	18	19	12	13	14	15	16	17	18	12	13	14	15	16	17	18	11	12	13	14	15	16	17		
20	21	22	23	24	25	26	19	20	21	22	23	24	25	19	20	21	22	23	24	25	18	19	20	21	22	23	24		
27	28	29	30				26	27	28	29	30	31		26	27	28	29	30			25	26	27	28	29	30	31		

Regular working days for the Main University are in **bold-faced** type; registration days are in *italic*.

IMPORTANT NOTICE
FELLOWSHIPS BY COURTESY

The Board of Regents, at their meeting on August 30, 1926, created in the Graduate School the position of *Fellow by Courtesy*, to be awarded by the President upon the recommendation of a professor and the Dean of the Graduate School, to Doctors of Philosophy who wish to come to the University for study or research, with the privilege of attending seminars or classes, and of carrying on research in the laboratories and libraries, with the remission of all fees, including matriculation, service, and maintenance fees; student activity fee; library, medical, and ordinary laboratory fees.

This honor was conferred on M. PFANNENSTIEL, PH.D., Geologic Institute, University of Heidelberg, Germany, for the session of 1926-1927.

CALENDAR OF THE MAIN UNIVERSITY AND OF THE MEDICAL BRANCH

SUMMER SESSION OF 1926

JUNE 9, WEDNESDAY. Registration for the first term of the Summer Session.

JUNE 10, THURSDAY. Classes for the Summer Session begin.

JUNE 16, WEDNESDAY. Last day for registration for credit during the first term.

JUNE 23, WEDNESDAY. Last day for filing with the Dean of the Graduate School written title of master's thesis.

JULY 4, SUNDAY. Independence Day.

JULY 12, MONDAY. Postponed examinations, examinations for advanced standing, and examinations to remove course conditions. Petitions must be in the Registrar's office not later than July 5.

JULY 19-21, MONDAY-WEDNESDAY. Examinations for the first term.

JULY 21, WEDNESDAY. Registration for the second term of the Summer Session.

JULY 22, THURSDAY. Classes for the second term of the Summer Session begin.

JULY 27, TUESDAY. Last day for registration for credit during the second term.

AUGUST 2, MONDAY. Last day for making application for degrees.

AUGUST 21, SATURDAY. Last day for presenting final copy (unbound) for master's thesis for examination by the examining committee.

AUGUST 28, SATURDAY. Last day for depositing bound copy of master's thesis with the Dean of the Graduate School.

AUGUST 28, 30, 31, SATURDAY, MONDAY, TUESDAY. Examinations for the second term.

AUGUST 31, TUESDAY. Commencement Day.

LONG SESSION OF 1926-1927

1926

SEPTEMBER 15, WEDNESDAY. Examinations for admission begin.

SEPTEMBER 16, THURSDAY. Postponed examinations, examinations for advanced standing, and examinations to remove course conditions. Petitions must be in the Registrar's office not later than September 9.

SEPTEMBER 20, MONDAY. Freshman convocation.

SEPTEMBER 21, 22, TUESDAY, WEDNESDAY. Registration.

SEPTEMBER 23, THURSDAY. Fall term classes begin.

SEPTEMBER 25-29, SATURDAY-WEDNESDAY. Examinations in the Medical Branch for removal of conditions and for advanced standing and exemptions.

SEPTEMBER 28-OCTOBER 1, TUESDAY-FRIDAY. Registration in the Medical Branch.

SEPTEMBER 29, WEDNESDAY. Last day for taking up fall term courses.

SEPTEMBER 29, WEDNESDAY. Deferred examinations for admission begin.

OCTOBER 1, FRIDAY. Opening exercises of the Medical Branch.

NOVEMBER 11, THURSDAY. Armistice Day, a holiday.

NOVEMBER 25, THURSDAY. Thanksgiving Day, a holiday.

DECEMBER 16-22, THURSDAY-WEDNESDAY. Fall term examinations, except in the School of Law.

DECEMBER 23, THURSDAY. Christmas recess begins.

1927

JANUARY 3, MONDAY. Registration day for all new students.

JANUARY 3, MONDAY. Classes resumed in the Medical Branch.

JANUARY 4, TUESDAY. All old students report present. Winter term classes begin.

JANUARY 8, SATURDAY. Last day for taking up winter term courses.

JANUARY 10, MONDAY. Last day for filing with the Dean of the Graduate School titles of master's theses.

JANUARY 12, WEDNESDAY. Postponed examinations, examinations for advanced standing, and examinations to remove course conditions. Petitions must be in the Registrar's office not later than January 5.

JANUARY 22-29, SATURDAY-SATURDAY. Mid-year examinations in the Medical Branch.

JANUARY 24-29, MONDAY-SATURDAY. First semester examinations in the School of Law.

JANUARY 31, MONDAY. Second semester classes in the School of Law begin.

JANUARY 31, MONDAY. Second term classes begin in the Medical Branch.

FEBRUARY 22, TUESDAY. Washington's Birthday, a holiday.

MARCH 2, WEDNESDAY. Texas Independence Day, a holiday.

MARCH 12-18, SATURDAY-FRIDAY. Winter term examinations, except in the School of Law.

MARCH 18, FRIDAY. Registration for all new students.

MARCH 19, SATURDAY. Old students report present. Spring term classes begin.

MARCH 25, FRIDAY. Last day for taking up spring term courses.

APRIL 18, MONDAY. Last day for presenting first copy of master's thesis.

APRIL 21, THURSDAY. San Jacinto Day, a holiday.

- MAY 2, MONDAY. Last day for making applications for degrees.
- MAY 2, MONDAY. Last day for filing with the Dean of the Graduate School the approved copies of the doctor's theses.
- MAY 7-18, SATURDAY-WEDNESDAY. Final examinations for the graduating classes in the Medical Branch.
- MAY 12, THURSDAY. Postponed examinations, examinations for advanced standing, and examinations to remove course conditions. Petitions must be in the Registrar's office not later than May 5.
- MAY 14-28, SATURDAY-SATURDAY. Final examinations for the freshman, sophomore, and junior classes in the Medical Branch.
- MAY 21, SATURDAY. Last day for presenting final copy, unbound, of master's thesis for examination by the examining committee.
- MAY 24-JUNE 3, TUESDAY-FRIDAY. Second semester examinations in the School of Law.
- MAY 28-JUNE 3, SATURDAY-FRIDAY. Final examinations except in the School of Law and the Medical Branch.
- MAY 31, TUESDAY. Graduating exercises of the Medical Branch.
- JUNE 3, FRIDAY. Last day for depositing bound copy of master's thesis with the Dean of the Graduate School.
- JUNE 4, SATURDAY. Alumni and Class Day.
- JUNE 5, SUNDAY. Commencement Sunday.
- JUNE 6, MONDAY. Commencement Day.

BOARD OF REGENTS

HENRY J. LUTCHER STARK, *Chairman*
MARCELLUS D. FOSTER, *Vice-Chairman*
CARROLL D. SIMMONS, *Secretary*, Austin

Terms Expire January, 1927

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S. C. PADEFORD	Fort Worth
MART H. ROYSTON	Galveston

Terms Expire January, 1929

EDWARD HOWARD	Wichita Falls
R. G. STOREY	Dallas
GEORGE W. TYLER	Belton

Terms Expire January, 1931

MARCELLUS D. FOSTER	Houston
SAM NEATHERY	McKinney
HENRY J. LUTCHER STARK	Orange

The Board of Regents meets on the third Tuesday in each month during the Long Session, usually at Austin.

STANDING COMMITTEES

AUDITING: Messrs. Neathery, Royston.
BUILDING AND GROUNDS: Mrs. O'Hair, Messrs. Royston, Storey.
COMPLAINTS AND GRIEVANCES: Mr. Padelford, Mrs. O'Hair, Mr. Tyler.
EXECUTIVE: Messrs. Stark, Foster, Mrs. O'Hair.
FINANCE: Messrs. Foster, Howard, Storey.
LAND: Messrs. Storey, Neathery, Padelford.
LEGISLATION: Messrs. Tyler, Howard, Padelford.
MEDICAL BRANCH: Messrs. Royston, Foster, Tyler.
COLLEGE OF MINES AND METALLURGY: Messrs. Howard, Neathery, Mrs. O'Hair.

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FRANKIE WREN, B.A., *Secretary to the President.*

Office of the Registrar

EDWARD JACKSON MATHEWS, M.A., *Registrar.*
EULA ANNETTE NAGLE, *Secretary to the Registrar.*

Office of the Auditor

WILLIAM ROBERT LONG, *Auditor.*
EARL ROBERT CORNWELL, *Assistant Auditor.*

Office of the Comptroller

JOHN WILLIAM CALHOUN, M.A., *Comptroller.*
GEORGE JENNINGS STEPHENS, *Assistant to the Comptroller;*
Purchasing Agent.
ROBERT LEON WHITE, B.S. in ARCH., *Superintendent of Construction.*
EVELYN ELIZABETH MOORE, *Secretary to the Comptroller.*

University Architect

HERBERT MILLER GREENE, F.A.I.A., *University Architect, Dallas.*

Land Agent

ROBERT EDWARD LEE SANER, LL.M., *Land Agent, Dallas.*

Summer Session

FREDERICK EBY, PH.D., LL.D., *Director.*
DANIEL ALLEN PENICK, PH.D., *Assistant Director.*
HENRIETTA GILLILAND, *Secretary to the Director.*

THE GRADUATE SCHOOL

OFFICERS OF ADMINISTRATION

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HENRY WINSTON HARPER, M.D., LL.D., *Dean of the Graduate School*.
GUSTAVUS WATTS CUNNINGHAM, PH.D., LITT.D., *Assistant Dean*
of the Graduate School (Summer Session).
FRANK BURR MARSH, B.A., PH.D., *Secretary to the Graduate Faculty*.
LOUISE GILLIAM, B.A., *Secretary to the Dean*.

GRADUATE FACULTY

- FRED C. AYER, *Professor of Educational Administration*.
B.S., Upper Iowa, 1902; M.S., Georgetown, 1905; PH.D., Chicago, 1915.
JAMES ROBINSON BAILEY, *Professor of Organic Chemistry*.
B.A., Texas, 1891; PH.D., Munich, 1897.
EUGENE CAMPBELL BARKER, *Professor of American History*.
B.A., Texas, 1899; M.A., 1900; PH.D., Pennsylvania, 1908.
WILLIAM JAMES BATTLE, *Professor of Classical Languages*.
B.A., North Carolina, 1888; PH.D., Harvard, 1893; D.C.L., University of the South, 1922.
HARRY YANDELL BENEDICT, *Professor of Applied Mathematics; Dean of the College of Arts and Sciences*.
B.S., Texas, 1892; M.A., 1893; PH.D., Harvard, 1898; LL.D., Baylor, 1920.
JOHANNES LASSEN BOYSEN, *Associate Professor of Germanic Languages*.
B.A., Harvard, 1898; M.A., Syracuse, 1904; PH.D., Wuerzburg, 1909.
ALBERT PERLEY BROGAN, *Professor of Philosophy*.
B.A., Harvard, 1911; M.A., 1912; PH.D., 1914.
JOHN MYRON BRYANT, *Professor of Electrical Engineering*.
B.S. in E.E., Worcester Polytechnic, 1901; E.E., 1909; M. S., Illinois, 1911.
JOHN THEODORE BUCHHOLZ, *Professor of Botany*.
B.S., A.B., Iowa Wesleyan, 1909; PH.D., University of Chicago, 1917.
MORGAN CALLAWAY, JR., *Professor of English*.
B.A., Emory, 1881; M.A., 1884; PH.D., Johns Hopkins, 1889; LL.D., Southern Methodist, 1924.
KILLIS CAMPBELL, *Professor of English*.
B.A., William and Mary, 1894; PH.D., Johns Hopkins, 1898.
LILIA MARY CASIS, *Professor of Romance Languages*.
B.Lit., Texas, 1895; M.A., 1896.
ALONZO B. COX, *Professor of Business Administration*.
B.A., Texas, 1911; M.A., 1914; PH.D., Wisconsin, 1920.
GUSTAVUS WATTS CUNNINGHAM, *Professor of Philosophy; Assistant Dean of the Graduate School (Summer Session)*.
M.A., Furman, 1902; Litt.D., 1916; PH.D., Cornell, 1908.
WILLIAM MORRIS DAVIS, *Professor of Geology, fall term, 1926-1927*.
B.S., Harvard, 1869; M.E., 1870; PH.D., Greifswald, 1906; Sc.D. (Hon.), Cape Town, 1905; S.D., Melbourne, 1914; Chevalier de la Legion d'Honneur, France; Sturgis Hooper Professor of Geology, Emeritus, Harvard.

- EDWARD LEWIS DODD, *Professor of Actuarial Mathematics*.
B.A., Western Reserve, 1897; M.A., 1901; Ph.D., Yale, 1904.
- FREDERIC DUNCALF, *Professor of Medieval History*.
B.A., Beloit, 1904; Ph.D., Wisconsin, 1909.
- FREDERICK EBY, *Professor of the History of Education; Director of the Summer Session*.
B.A., McMaster, 1895; LL.D., 1921; Ph.D., Clark, 1900.
- *ALEXANDER CASWELL ELLIS, *Professor of the Philosophy of Education*.
B.A., North Carolina, 1894; Ph.D., Clark, 1897.
- STANLEY PHISTER FINCH, *Professor of Civil Engineering*.
B.A., Texas, 1902; C.E., 1905; M.S., Massachusetts Institute of Technology, 1909.
- FREDERICK ERNEST GIESECKE, *Professor of Architectural Engineering; Research Engineer in the Engineering Experiment Station*.
M.E. Texas A. and M., 1890; B.S. in Arch, Massachusetts Institute of Technology, 1904; Ph.D., Illinois, 1924.
- CLYDE CHEW GLASCOCK, *Professor of Romance Languages*.
Ph.D., Johns Hopkins, 1900.
- CLARENCE TRUMAN GRAY, *Professor of the Philosophy of Education*.
B.A., Indiana, 1904; M.A., Chicago, 1911; Ph.D., 1916.
- REGINALD HARVEY GRIFFITH, *Professor of English; Curator of the Wrenn Library*.
M.A., Furman, 1892; Litt.D., 1925; Ph.D., Chicago, 1905.
- MAX SYLVIVS HANDMAN, *Professor of Economics*.
B.A., Oregon, 1907; Ph.D., Chicago, 1917.
- †CHARLES WILSON HACKETT, *Professor of Latin-American History*.
B.A., Texas, 1909; M.A., California, 1914; Ph.D., 1917.
- HENRY WINSTON HARPER, *Professor of Chemistry; Dean of the Graduate School*.
Ph.G., Philadelphia College of Pharmacy, 1881; M.D., Virginia, 1892; Fellow of the Chemical Society (London), 1899; LL.D., Baylor, 1914.
- GILBERT DENNISON HARRIS, *Professor of Paleontological Geology, Winter Term, 1926-1927*.
Ph.B., Cornell, 1886; Member Société Géologique de France; Professor of Paleontology and Stratigraphy, Cornell University.
- JOSEPH LINDSEY HENDERSON, *Professor of Secondary Education*.
B.A., West Virginia, 1894; M.A., Columbia, 1906; Ph.D., 1912.
- ARTHUR KEITH, *Professor of Structural Geology, Spring Term, 1925-1926*.
A.B., Harvard, 1885; A.M., 1886; Geologist United States Geological Survey.
- JOHN MATTHIAS KUEHNE, *Professor of Physics*.
B.S., Texas, 1899; M.A., 1901; Ph.D., Chicago, 1910.
- ROBERT ADGER LAW, *Professor of English*.
B.A., Wofford, 1898; M.A., Trinity (N.C.), 1902; M.A., Harvard, 1903; Ph.D., 1905.
- ISAAC MCKINNEY LEWIS, *Professor of Bacteriology and Botany*.
B.A., Indiana, 1906; M.A., 1907; Ph.D., 1909.
- ELMER JULIUS LUND, *Professor of Zoology in charge of Physiology*.
Ph.B., Hamlin College, 1910; Ph.D., Johns Hopkins, 1914.

*Resigned June, 1926.

†Absent on leave for the session of 1925-1926.

FRANK BURR MARSH, *Professor of Ancient History; Secretary to the Graduate Faculty.*

B.A., Michigan, 1902; Ph.D., 1906.

EDMUND THORNTON MILLER, *Professor of Economics.*

B.A., Texas, 1900; M.A., 1901; M.A., Harvard, 1903; Ph.D., 1909.

ROBERT LEE MOORE, *Professor of Pure Mathematics.*

B.S., M.A., Texas, 1901; Ph.D., Chicago, 1905.

HERMANN JOSEPH MULLER, *Professor of Zoology.*

B.A., Columbia, 1910; M.A., 1911; Ph.D., 1916.

ERNEST HENRY CLARK OLIPHANT, *Professor of English, Fall Term, 1926-1927.*

M.A., Melbourne University; Professor of English, Carlton College, Melbourne University, Melbourne, Australia.

THEOPHILUS SHICKEL PAINTER, *Professor of Zoology.*

B.A., Roanoke, 1908; M.A., Yale, 1909; Ph.D., 1913.

JOHN THOMAS PATTERSON, *Professor of Zoology.*

B.S., Wooster, 1903; Ph.D., Chicago, 1908.

LEONIDAS WARREN PAYNE, JR., *Professor of English.*

B. S., Alabama Polytechnic, 1892; M.S., 1893; Ph.D., Pennsylvania, 1904.

JAMES EDWIN PEARCE, *Professor of Anthropology.*

B.Lit., Texas, 1894; M.A., 1895.

FLEMING ALLEN CLAY PERRIN, *Professor of Psychology.*

Ph.B., Chicago, 1910; Ph.D., 1914.

BENJAMIN FLOYD PITTENGER, *Professor of Educational Administration; Dean of the School of Education.**

B.Ped., B.A. in Ed., Michigan State Normal, 1908; M.A., Texas, 1912; Ph.D., Chicago, 1916.

MILTON BROCKETT PORTER, *Professor of Pure Mathematics.*

B.S., Texas, 1892; Ph.D., Harvard, 1897.

CHARLES WILLIAM RAMSDELL, *Professor of American History.*

B.A., Texas, 1903; M.A., 1904; Ph.D., Columbia, 1910.

EUGENE PAUL SCHOCH, *Professor of Physical Chemistry; Director of the Industrial Chemistry Experiment Station.*

C.E., Texas, 1894; M.A., 1896; Ph.D., Chicago, 1902.

CHARLES SCHUCHERT, *Professor of Geology, Winter Term, 1925-1926.*

A.M. (Hon.), Yale, 1904; LL.D. New York University, 1914; Professor of Paleontology, Curator of the Geological Collection, and Professor of Historical Geology Emeritus, Yale.

ELIAS HOWARD SELLARDS, *Professor of Geology; Associate Director of the Bureau of Economic Geology.*

A. B., Kansas, 1899; A.M., 1900; Ph.D., 1903.

FREDERIC WILLIAM SIMONDS, *Professor of Geology; Secretary to the General Faculty.*

B.S., Cornell, 1875; M.S., 1876; Ph.D., Syracuse, 1879; D.Sc. (Hon). Arkansas, 1893.

WALTER MARSHALL WILLIAM SPLAWN, *President; Professor of Economics.*

B.A., Baylor, 1906; B.A., Yale, 1908; M.A., 1914; Ph.D., Chicago, 1921.

*Appointed Dean of the School of Education, June, 1926.

WILLIAM SENECA SUTTON, *Professor of Educational Administration; Dean of the School of Education.**

B.A., Arkansas, 1878; M.A., 1884; LL.D. 1905.

THOMAS ULVAN TAYLOR, *Professor of Civil Engineering; Dean of the College of Engineering.*

C.E., Virginia, 1883; M.C.E., Cornell, 1895.

HARRY SHULTZ VANDIVER, *Associate Professor of Pure Mathematics.*

ERNEST JOSEPH VILLAVASO, *Professor of Romance Languages.*

B.A., Tulane, 1894; M.A., 1896.

JET CORINE WINTERS, *Associate Professor of Home Economics.*

B.A., Texas, 1911; B.S., Columbia, 1915; M.A. 1918; Ph.D., Yale, 1926.

VISITING PROFESSORS IN THE SUMMER SESSION 1926

WILLIAM CAMPBELL BINKLEY, PH.D., *Professor of History, Colorado College, Lecturer in History.*

CHARLES FREDERICK TUCKER BROOKE, M.A., B.LITT., *Professor of English, Yale University, Lecturer in English.*

DONALD CAMERON, PH.D., *Professor of Latin, Boston University, Lecturer in Classical Languages.*

EDWARD WILSON CHITTENDEN, PH.D., *Professor of Mathematics, University of Iowa, Lecturer in Mathematics.*

EDWARD EVERETT DALE, PH.D., *Professor of History, University of Oklahoma, Lecturer in History.*

HERMAN HUNTER GUICE, J.D., *Assistant Professor of Business Law, Southern Methodist University, Lecturer in Government.*

HERMAN GERLACH JAMES, PH.D., J.D., *Dean of the College of Arts and Sciences and Professor of Political Science; Dean of the Graduate School, University of Nebraska, Lecturer in Government.*

HARRY STUART VEDDER JONES, PH.D., *Associate Professor of English, University of Illinois, Lecturer in English.*

HOMER WALKER JOSSELYN, PH.D., *Research Investigator, General Educational Board, Rockefeller Foundation, Lecturer in Educational Administration.*

JOHN LAIRD, M.A., *Professor of Moral Philosophy, Queen's College, University of Aberdeen, Lecturer in Philosophy.*

THOMAS MAITLAND MARSHALL, PH.D., *Professor of History, Washington University, Lecturer in History.*

MARCEL MORAUD, Agrégé de l'Université de France, *Professor of French, Rice Institute, Lecturer in Romance Languages.*

FREDERICK LOUIS NUSSBAUM, PH.D., *Assistant Professor of History, University of Wyoming, Lecturer in History.*

LUTHER APPEL PFLUEGER, PH.D., *Professor of Romance Languages, Texas Technological College, Lecturer in Romance Languages.*

CHARLES W. PIPKIN, PH.D., *Associate Professor of Government, Louisiana State University, Lecturer in Government.*

*Resigned as Dean of the School of Education, June, 1926.

- HOMER P. RAINEY, PH.D., *Associate Professor of Education*, University of Oregon, Lecturer in Educational Administration and History of Education.
- WILLIAM O. RAYMOND, PH.D., *Assistant Professor of English*, University of Michigan, Lecturer in English.
- FRANK OTIS REED, PH.D., *Professor of Spanish*, University of Arizona, Lecturer in Romance Languages.
- ALVIN LEMUEL RHOTON, M.A., *Professor of Education*, Pennsylvania State College, Lecturer in History of Education.
- MAURICE HENRY ROBINSON, PH.D., *Professor of Economics*, University of Illinois, Lecturer in Economics.
- GEORGE SHERBURN, PH.D., *Professor of English*, University of Chicago, Lecturer in English.
- EUGENE OSBORNE TANNER, M.A., *Professor of Latin*, Southwest Texas State Teachers' College, Lecturer in Classical Languages.
- NATHAN AUSTIN WESTON, PH.D., *Professor of Economics*, University of Illinois, Lecturer in Economics.
- RAYMOND H. WHEELER, PH.D., *Professor of Psychology*, University of Kansas, Lecturer in Psychology.
- GEORGE WALTER WILLETT, PH.D., *Principal High School*, La Grange, Illinois, Lecturer in the Art of Teaching.
- ROBERT RENHART WILSON, PH.D., *Associate Professor of Political Science*, Duke University, Lecturer in Government.
- ALBERT BENEDICT WOLFE, PH.D., *Professor of Economics*, Ohio State University, Lecturer in Sociology.

STANDING COMMITTEES OF THE GRADUATE FACULTY 1925-1927

The President is *ex officio* member of each committee.

Advisory Committee

- Professor Henry W. Harper, *ex officio Member and Chairman*.
- Professor E. C. Barker
- Professor W. J. Battle
- Professor Killis Campbell
- Professor G. Watts Cunningham
- Professor C. T. Gray
- Professor T. S. Painter

Committee on Degrees and Courses

- Professor H. Y. Benedict, *Chairman*
- Professor F. E. Giesecke
- Professor R. A. Law
- Professor E. T. Miller
- Professor E. P. Schoch

Committee on Fellowships and Scholarships

Professor C. W. Ramsdell, *Chairman*
Professor A. P. Brogan
Professor E. L. Dodd
Professor A. Caswell Ellis*
Professor L. W. Payne, Jr.

Committee on Grants and Publications

Professor Frederic Duncalf, *Chairman*
Professor J. L. Boysen
Professor R. H. Griffith
Professor R. L. Moore
Professor H. J. Muller

Membership Committee

Professor Morgan Callaway, Jr., *Chairman*
Professor J. R. Bailey
Professor Frederick Eby
Professor J. T. Patterson
Professor M. B. Porter

*Resigned June, 1926.

HISTORY

The Graduate School was created by the Board of Regents in June, 1910, and was administered by the general faculty acting through a committee, appointed by the President, and known as the Graduate Council, until June, 1925.

Recognizing the demands upon the University of Texas for graduate teaching and for research, the Board of Regents requested the Thirty-ninth Legislature to make possible the organization of a Graduate Faculty. The Legislature responded by appropriating money for graduate professorships, for fellowships for research, and for overhead expense. One item of appropriation was eight new professorships. Upon obtaining this sanction and financial support from the Legislature, the Regents in June, 1925, authorized the organization of a Graduate Faculty.

The Graduate Faculty was given exclusive jurisdiction over the requirements for the degrees of Master of Arts, Master of Business Administration, Master of Journalism, Master of Science in Engineering, and Doctor of Philosophy, and all other graduate degrees subsequently created by the Board of Regents. It was given jurisdiction also over such matters as requirements for admission to graduate standing and to candidacy for graduate degrees, the requirements for graduate degrees, the awarding of scholarships and fellowships to graduate students, research publications, research grants, and other matters properly within the scope of the Graduate Faculty.

At a meeting on November 12, 1925, of the members appointed to the Graduate Faculty, a committee was appointed to report a plan of organization for the Graduate School. The report of that committee was adopted at a subsequent meeting of the Graduate Faculty, and the organization of the Graduate School therein suggested was approved, with a few modifications, by the Board of Regents on January 20, 1926.

Under the approved plan of organization the Instructional Staff of the Graduate School is composed (*a*) of the members of the Graduate Faculty as designated by the Board of Regents and (*b*) of all other members of the General Faculty of the Main University and of the Medical Branch who, without being members of the Graduate Faculty, offer courses of instruction accepted by the Graduate Faculty for credit towards graduate degrees. The Dean of the Graduate School is the representative of the faculty in dealing with individuals, and is charged with the administration of its regulations.

Prior to the organization of the Graduate School, graduate work was supervised by the Graduate Course Committee, the degrees of Master of Arts and Master of Science being the only higher degrees offered. Although students pursued work beyond the requirements

for these degrees, the degree of Doctor of Philosophy was withheld until the organization of the Graduate School in 1910.

At present, major and minor work toward the degree of Master of Arts may be done in all of the departments of the College of Arts and Sciences and of the School of Education, and in the following departments of the School of Medicine: Biological Chemistry, Physiology, Bacteriology and Preventive Medicine, Anatomy, and Pathology.

Major work toward the degree of Master of Education may be done in the School of Education.

Major and minor work toward the degree of Master of Science in Engineering may be done in all the departments of the College of Engineering. A limited amount of the work may be done in the College of Arts and Sciences, and in the School of Business Administration.

Major and minor work toward the degree of Master of Business Administration may be done in the School of Business Administration. A limited amount of the minor work may be done for this degree in the College of Arts and Sciences and in the School of Law.

Major work toward the degree of Doctor of Philosophy is authorized in English, pure and applied mathematics, ancient languages, Germanic languages, botany, chemistry, physics, zoology, history, government, the political science group (anthropology, economics, and sociology, and government), and the School of Education, the entire School functioning as a single department in the College of Arts and Sciences. Minor work toward the degree may be done in all of the departments of the College of Arts and Sciences, and such minor work may be done in the School of Education, the College of Engineering, and the Medical Branch at Galveston as may be approved by the Graduate Faculty.

LOCATION

Austin, the home of the Main University, is easily the most beautifully situated city in the State. It lies at the point where the Colorado River issues from the canyon at the base of the Edwards plateau. To the east stretch gently rolling plains. For healthfulness, moreover, Austin has no superior among the cities and towns of Texas. Its clear, pure air, its hilly surface and consequent excellent drainage, its almost constant breezes, its fine water, serve to keep the place remarkably free from sickness of all kinds.

The Medical Branch is at Galveston. The College of Mines and Metallurgy is at El Paso.

GOVERNMENT

The government of the University is vested in a board of nine Regents, selected from different portions of the State, nominated by

the Governor, and appointed by and with the advice and consent of the Senate. Subject to the supervision of the Board of Regents and the authority it has vested in administrative officers, the general charge of the Main University is entrusted to the general faculty of the Main University, the general charge of the Medical Branch to the faculty of the Medical Branch, and the general charge of the College of Mines and Metallurgy to the faculty of the College of Mines and Metallurgy. A complete statement of the duties of the several officers, together with an account of the organization and powers of the general faculty, the school faculties, the divisions, and the departments, is published in a separate University bulletin dealing with the government of the University.

GROUNDS AND BUILDINGS

Grounds.—The grounds of the Main University consist of the campus, a high-lying tract of forty acres between Twenty-first and Twenty-fourth Streets, about a half-mile north of the Capitol, set apart in the days of the Republic as the site of the University; the athletic field, lying to the east of the campus, given in large part by the alumni; a body of some four hundred acres along the Colorado River, between the city and the dam, given by the late Mr. George W. Brackenridge, of San Antonio; and almost all of the 135 acres, lying north and east of the campus, for the purchase of which the Thirty-seventh Legislature provided in 1921.

Buildings.—The buildings of the Main University, not counting temporary frame structures, now number ten—eight for instruction purposes and two dormitories. The largest and most conspicuous, the Main Building (begun in 1882, completed in 1899), contains classrooms and laboratories of the College of Arts and Sciences and many offices and consulting rooms. It contains, also, on the first floor, a branch of the Austin postoffice, known as University Station. The Chemistry Building (1891), the Engineering Building (1904), the Law Building (1908), the Power Building (1910), the Shop Building (1919), show their uses by their names. The old heating plant, shorn of its stack, now houses the laboratories of the Bureau of Economic Geology. Handsomer than any of these are the Library Building (1911), the Education Building (1918), which, besides housing the School of Education, also furnishes temporary quarters for most of the University administrative offices, and the Biological Laboratory (1925). Garrison Hall, to be completed in the summer of 1926, will be used for the social sciences.

To satisfy pressing needs, a large number of inexpensive frame buildings have been erected.

University Hall, erected in 1890, through a gift of the late Mr. George W. Brackenridge, of San Antonio, and enlarged in 1900 by the Regents, provides sleeping accommodations for 120 men. The

basement of this dormitory, formerly a dining-hall, now contains the offices, laboratory, and museum of the Bureau of Economic Geology.

The Woman's Building, erected in 1903, is a dormitory for women. It contains sixty-one single rooms and twelve double rooms.

The Texas Memorial Stadium is being erected by private subscriptions. About four hundred thousand dollars has been expended, and the part now finished contains 27,000 seats. When completed it will seat 50,000 people.

LIBRARIES

The University Library comprises the general library and the Law Library in Austin, the Medical Library in Galveston, and the Mining Library in El Paso. The number of bound volumes and pamphlets in the several libraries on June 23, 1926, was as follows:

	Volumes	Pamphlets
General Library	252,826	49,913
Law Library	30,913
Medical Library	12,660	6,050
Mining Library	1,608	2,963

The greater part of the general library is shelved in a fireproof building. Departmental libraries for advanced students are maintained for architecture, chemistry, botany and zoology, geology, government, and engineering. Lesser collections are maintained for anthropology, classics, physics, and philosophy and psychology.

Brief statement of rules.—During the terms the library is open from 8 A.M. to 10 P.M. every week day except Saturday, when it closes at 5 P.M. It is closed on Sundays and holidays. During vacation it is open from 9 A.M. to 5 P.M.

Books drawn for home use may ordinarily be kept for two weeks, but those much in demand are loaned for shorter periods. Those not returned when due subject the borrower to a fine of five cents a day. Lost books must be paid for by the borrower.

Books used by large classes are placed on reserve, and use of them is regulated by special rules.

The University Library does not furnish textbooks.

Permanent reference works, such as encyclopedias, dictionaries, sets of periodicals, etc., are for use in the library only.

Each student is required to make a library deposit of \$7 for each Long Session.

The library is free to the public for consultation. Graduates of the University and others may, upon depositing \$5 with the Auditor, secure the privilege of borrowing books not needed for reference or class work.

Important purchases.—The George A. Aitken collection of English literature, which supplements the materials in the Wrenn Library, was secured at a cost of \$20,400 in 1921 from funds provided by the Legislature and the Board of Regents. There are approximately 4,000 volumes in this collection, covering the period from the introduction of printing into England up to the death of Mr. Aitken in 1917. The materials of this collection are strongest for the eighteenth century, in which field Mr. Aitken was a prominent scholar.

In 1921 the Genaro García collection was purchased by the University at a total cost of \$104,539. Sr. Genaro García was one of the best of the later Mexican scholars. The García collection is rich in *Mexicana* and comprises 11,000 volumes, 15,000 pamphlets, numerous files of newspapers and periodicals, and 400,000 pages of manuscript. Notable among the manuscript materials are the private archives of a dozen Mexican revolutionary patriots and nineteenth century statesmen, including Fathers Mora and Mier y Guerra, and Generals Guerrero, Santa Anna, Gómez Farías, Alamán, Riva Palacio, Comonfort, and Benito Juárez.

By special appropriation the Board of Regents has provided for the collection of all available material pertaining to the various activities of Texas during the World War, and for the collection in general of the more important books dealing with the war. Thousands of books and pamphlets have been collected, and newspaper files for the period of the war secured from England, France, Germany, Mexico, and other countries. Of special note, also, are the collections of war posters and broadsides, official war photographs, war songs and music, and the files covering the Council of Defense, the war loans, the Food Administration, etc., of this district.

Gifts.—The library has been enriched by many valuable gifts, chief among which are the following:

A fund of \$125,000, known as the Littlefield Fund for Southern History, was presented to the University by the late Major George W. Littlefield, C.S.A., a former Regent of the University. In his letter bestowing the gift, dated April 28, 1914, Major Littlefield said: "It has been my desire to see a history written of the United States, with the plain facts concerning the South and her acts since the foundation of the government, especially since 1860, fairly stated, that the children of the South may be truthfully taught and persons matured since 1860 may be given opportunity to inform themselves correctly." The income from the fund is to be used "to purchase books, pamphlets, newspaper files, maps, manuscripts, etc., bearing on the history of the South," the object being to lay "the foundation of a collection that shall be of fundamental value for the full and impartial study of the South and of its part in American history." The administration of the fund is vested in a committee consisting of Mr. H. A. Wroe, of the American National Bank of Austin, the professors of

American history in the University, the President and the Librarian of the University, and the State Librarian.

By gifts of money made immediately available, Major Littlefield supplemented the income of the above fund by a total of \$30,566.65. These special gifts have enabled the committee in charge to make large additions to the source materials for Southern history. In this connection may be mentioned especially the manuscript collection of Samuel H. Stout, who was medical director of the Confederate Army in the Department of Tennessee; files of Charleston, S.C., newspapers for the period of 1795-1910; the *New Orleans Daily Picayune*, 1837-1861; the *National Intelligencer*, Washington, D.C., 1813-1867; Richmond, Va., newspapers, 1847-1864; Augusta, Ga., newspapers, 1820-1900; various files of Arkansas newspapers, 1819-1880; and a collection of the session laws, constitutional convention proceedings, and legislative journals and documents of the Southern States for the period of 1820-1880. The office files of the *Austin Statesman* were very generously transferred to the University by the proprietors. Files of the *Dallas Herald*, antedating the *Dallas News*, have also been secured.

To Major Littlefield, also, the University is indebted for the Wrenn Library, purchased at a cost of \$225,000, and presented in February, 1918. This magnificent library, the result of many years of careful collecting by the late John H. Wrenn, a broker of Chicago, comprises 5,300 volumes, and contains practically complete sets of numerous sixteenth, seventeenth, and eighteenth century authors, and a collection of royal decrees and proclamations of the times of Charles I and Charles II. The books are in an excellent state of preservation, and are richly bound.

The University is also in possession of the Bexar Archives, a great mass of original manuscripts collected at San Antonio between 1730 and 1836 and dealing with every phase of Spanish and Mexican Texas; some seventy thousand transcripts from the archives of Mexico and Spain, supplementing the above; the Austin Papers, comprising the correspondence of Moses and Stephen F. Austin; the Anthony Butler Papers; the Ashbel Smith Papers; the O. M. Roberts Papers; the Maverick Papers; the Throckmorton Papers; the Stout Papers; the Ben C. Franklin Papers; and many smaller but useful groups.

A. H. Belo and Company, proprietors of the *Dallas Morning News*, presented a file of the *News* comprising the years since 1884.

In 1897 Sir Swante Palm, for many years Swedish Consul at Austin, presented to the University his library containing 10,200 volumes and several thousand pamphlets and newspapers. The collection is rich in books on the fine arts, travel, bibliography, Texas history, and Swedish literature and history.

The library of the Hon. Ashbel Smith, first chairman of the Board of Regents of the University, was presented by his family. It contains 1,500 volumes and a large number of pamphlets. In 1920 the private papers of Dr. Ashbel Smith were also deposited in the University Library.

Miss Betty Ballinger, of Galveston, in 1913, presented a thousand-dollar 6 per cent bond, due in 1932, for the purchase of law books and periodicals. The gift is known as the Ballinger and Jack Fund.

Mr. H. P. Hilliard, formerly of Austin, gave \$100 annually for the ten years 1905-1914 for the purchase of books by Southern writers.

The Hon. John H. Reagan presented during his lifetime the larger part of his private library. This gift of about 2,500 volumes includes a complete file of *Niles' Register* and many valuable public documents and reports.

Miss Florence Ralston Brooke, of Austin, presented a library of 1,360 volumes, long in the possession of her family.

Judge Robert S. Gould, long professor of law in the University, presented during his lifetime his valuable law library of 641 volumes.

Mr. Frank Kell, of Wichita Falls, presented a set of Lord Kingsborough's monumental work, *The Antiquities of Mexico*.

The Texas Academy of Science in 1907 presented its library, consisting of publications received in exchange for its *Transactions*.

The Texas Historical Association in 1911 presented its library, consisting of historical books and periodicals.

Newspapers are generously donated by their publishers; and in exchange for bulletins of the University, a large number of current publications are received from learned societies and educational institutions in various parts of the world. The library is a designated depository for United States documents and for the printed card catalogue of the Library of Congress.

Other libraries in Austin.—Students have access to the State Library, which contains 62,500 volumes, 30,000 pamphlets, and 75,000 manuscripts and transcripts, and is rich in Southwestern history; to the Supreme Court Library, 30,000 volumes; and the library of the State Department of Education, 2,000 volumes. The archives of the departments of the State Government furnish material for studies in Texas history.

MUSEUMS AND COLLECTIONS

Museum of ancient art.—A beginning has been made of a collection of objects illustrating the art of the ancients. The museum contains a few original works, chief among them being a jar from Constantinople, and three vases and an inscribed block from Troy, gifts of the Hon. A. W. Terrell, and nine cuneiform tablets from Babylonia. The casts are more numerous, there being thirty-three

statues, twenty-seven busts, fifteen reliefs, six statuettes, and three architectural fragments, all of the best make, and in full size. The nine bronze imitations are noteworthy for the accuracy of their reproduction of the originals. The collection of lantern slides illustrating ancient art contains more than two thousand selected examples. The museum is located partly on the third and fourth floors of the Main Building, partly in the Library Building.

Swenson collection of coins and medals.—In 1891, Mr. S. M. Swenson, of New York City, gave the University a valuable collection of coins and medals. Of the 3,476 coins, 2,217 are bronze, 1,172 silver, and 87 gold. Many of these coins were in use before the Christian era, and very few are of a more recent date than the sixth century. Of the 1,846 medals, 607 are silver, and the remainder bronze and white metal, plated and gilt. The collection contains American, English, French, Spanish, German, and Russian specimens. Many of these coins and medals are rare.

Mexican antiquities.—In May of 1924 the Minister of Education of the Republic of Mexico visited the University and, "in the name of the Mexican people and as evidence of their good will for the people of Texas and of their interest in this institution of learning," presented a collection of seventeen plaster replicas of some of the more prominent antiquities now in the National Museum of Mexico. The collection includes, also, certain reproductions of Aztec codices, an album of pictures of colonial art, and a set of classic authors.

Botanical collections.—The chief collection embraces two classes of specimens: (1) Those used as material for class study, including specimens illustrating the various groups of plants, and for the study of various special phases of plant life; (2) museum specimens proper, which are retained as permanent objects for illustration and comparison. Of the latter, the herbarium is an important item. At present this contains about 16,500 sheets of flowering plants and 9,000 specimens of fungi. About 1,100 of the sheets of flowering plants and 3,000 of the specimens of fungi are from within the State.

Forestry exhibit.—By the courtesy of the Texas World's Fair Commission, the forestry exhibit for Texas at the Louisiana Purchase Exposition became the property of the University. This collection embraces about one hundred and twenty-five "standard" specimens of the native trees of Texas, a case of turned woods, veneered panels of a score of woods, enlarged photographs and transparencies showing forest scenes and lumbering operations, and a series of finished pieces of interior decoration—paneling, railing, newels, columns, and grill work, designed to show the finishing qualities of some fifty native Texas woods. This collection was awarded the grand prize as a collective state exhibit.

Museum of economic geology and mineralogy.—The collections that have been made during the last twenty-five years for the purpose

of illustrating the economic resources of the State include a large variety of specimens. The museum is in the basement of University Hall, and is open to the public every week day.

Zoological and paleontological collections.—The illustrative materials in zoology include the Ragsdale Collection of Texas Birds, the Askew and Singley Collections of Texas Mollusca, a collection of mounted vertebrate skeletons, a collection of insects, and numerous preparations in alcohol. The paleontological collections are much larger, and to a great extent represent the material amassed by the State geological surveys. Several cases are occupied by fossil vertebrates, including some thirty-two type specimens, and a valuable series of three-toed and one-toed extinct horses of Texas. All of these specimens have been studied and labeled by the most famous paleontologists of the past century, Professor Edward Drinker Cope. Next in importance is a large collection of fossil ammonites and nautiloids, containing some twenty type specimens. The collection of local cretaceous mollusca is extensive and valuable. Other collections include fossil corals, brachiopods, and echinoderms, respectively, and a series of fossils illustrating the main geological strata.

TEACHERS' APPOINTMENT COMMITTEE

The University endeavors to assist its graduates and students who desire to teach in securing suitable positions. For this reason, there has been appointed a permanent committee on teachers representing the University as a whole, and the official nominations to school positions are made by this committee. Students and graduates of the University may register upon the payment of a fee of \$2. It is not, however, a teachers' agency, and does not hunt positions for students. Its function is to act as an intermediary between school authorities in search of teachers and students in search of positions, helping each to find the other. It can be of great help also to students who are seeking special positions in special localities. Often it is called on to furnish information about applicants for positions who have never registered with it. Students seeking positions on their own initiative would do well to register with it in order that school officials may get the information they need before making appointments.

UNIVERSITY PUBLICATIONS

The University publishes bulletins four times a month. These comprise the official publications of the University, books and bulletins on humanistic and scientific subjects, bulletins prepared by the several University bureaus, and other books and bulletins of general educational interest.

The bulletins, except special numbers, are mailed to citizens of Texas free, and are sent to institutions and societies in exchange for similar publications. Application should be made to University Publications, University of Texas, Austin.

ROOMING HOUSES AND DORMITORIES

Official lists of rooming houses.—The University publishes annually an official list of rooming houses for men and also one for women. Any rooming house is eligible to a place on one of these official lists, and to receive the publicity through the University accruing therefrom, provided it complies with the regulations of the Student Life Staff and the University Health Service.

In order to be placed upon this official list, the proprietor must be a person of good moral character and willing to cooperate with the University in carrying out its regulations. The house must be used for rooming or boarding men or women exclusively, except such houses as are given over entirely to married couples. A house must be screened, have sewerage connections, have hot water available in the bathrooms, have metal connections for gas stoves, be kept in sanitary condition, have prices commensurate with the conveniences and accommodations offered, and allow no person who is a menace to health to work, room, or board in the house. There must be a parlor available in each rooming house for women.

The University reserves the right to remove at any time any house from the official list, for cause.

All women students must register their residence with the Dean of Women at the time of registration, and will not be allowed to live in a house not on the official list, except by special permission of the Dean of Women.

Housing accommodations for men.—The University maintains one dormitory, Brackenridge Hall, and one large rooming house, Raines Mansion, for men. Rooms in these two halls vary in price from \$3.50 to \$6.50 a month at Brackenridge Hall, and are \$7 a month in the Raines Mansion. Bed covers and towels are to be furnished by the occupants. Freshmen are not admitted to Brackenridge Hall. Address all correspondence to Professor J. W. Calhoun, Comptroller, University Station, Austin.

In addition to these two halls, there are approximately one hundred rooming houses for men adjacent to the Campus, many of which appear on the official list of boarding houses issued by the University. This list may be had from the Dean of Students, University Station, Austin. Rooms in these houses range from \$1.50 to \$5 per week. Unless otherwise indicated, a student is expected to furnish his fuel, towels, and bed covers.

Housing accommodations for women.—The housing accommodations for women students consist of approximately fifty rooming and

boarding houses. Prices of rooms in these houses range from \$2 to \$5 a week unless otherwise stated. Each girl is expected to furnish her own fuel, towels, and bed covers. In most cases meals are also furnished in the house at prices ranging from \$22.50 a month up.

In addition to the rooming houses above mentioned, the University is fortunate in having several excellent dormitories for women students.

The Woman's Building on the Campus and three annexes one-half block from the Campus are under the direct control of the University. For information, address Mrs. Neil Carothers, Woman's Building, University Station, Austin.

Grace Hall, an Episcopal dormitory, is situated two and one-half blocks north of the Campus. For information, address Mrs. C. R. King, Grace Hall, Austin.

Kirby Hall, the Methodist dormitory, is situated four blocks north of the Campus. For information, address Mrs. A. S. Whitehurst, Kirby Hall, Austin.

Newman Hall, a Catholic dormitory, is directly opposite the Campus to the west. For information, address the Directress, Newman Hall, Austin.

The Scottish Rite Dormitory, three blocks to the north, is open to women students of Masonic affiliation. For information, address Mrs. J. E. Kauffman, Scottish Rite Dormitory, Austin.

For the official list of these rooming houses and dormitories and further information as to prices, apply to the Dean of Women, University Station, Austin.

Boarding accommodations.—In all the dormitories, and in many of the rooming houses for men and women, meals are furnished with rooms at prices given on the official lists. The University also maintains a cafeteria on the Campus, which furnishes meals to students and faculty, both men and women, at minimum cost.

DISCIPLINE

The University, in common with other large institutions, has for its orderly and efficient conduct, special regulations additional to the laws of the land. These special regulations are printed annually and are so easily available to all students that each student is charged with notice and knowledge thereof.

REQUIREMENTS FOR ADMISSION

An applicant for admission to the Graduate School must hold the degree of Bachelor of Arts, Bachelor of Business Administration, Bachelor of Journalism, Bachelor of Science in Education, Bachelor of Science in Home Economics, or Bachelor of Science in Engineering

from the University; or any bachelor's degree, from here or elsewhere, representing an equivalent training.

In order to enter a graduate course, the applicant must have completed the undergraduate work laid down as prerequisite thereto. Although such work may, with the consent of the Dean of the Graduate School, be taken after admission, it will not count toward an advanced degree.

The mere possession of a bachelor's degree does not entitle a student to admission to the Graduate School. The work that he is planning to do must in the main be really graduate work. Neither does admission to the Graduate School imply candidacy for a degree. The conditions of candidacy are set forth under "Requirements for Degrees."

A student coming from another institution must apply for admission, on the official blank (to be had of the Registrar), to the Chairman of the Committee on Admission from Other Colleges.

FEES*

1. A graduate student who is a member of the faculty of the University of Texas of the rank of instructor or above shall be required to pay only the matriculation fee. If he is a candidate for a degree he will also pay the diploma fee.

2. Graduate students other than those mentioned in paragraph 1 are required to pay only the matriculation fee, library fee, medical fee of \$8, laboratory fees, and diploma fee.

3. A graduate student shall be exempt from paying late registration fee, add fee, and change of course fee.

Matriculation fee.—In the Graduate School, each student will pay at the beginning of each session an annual matriculation fee of \$15, until \$30 has been paid.

Library fee and deposit.—A library fee of \$2 and a deposit of \$7 will be required of every student. The fee is used for replacing lost and worn-out books, and for binding, supplies, and miscellaneous library expenses. The deposit is subject to charges for fines assessed against the depositor, or for books lost or injured. This amount, less such charges, if any, will be returned to the student at the end of the session, or upon his withdrawal from the University. If the deposit is exhausted before the end of the session, the student will be required to renew it.

Medical fee.—All students in residence are required to pay a medical fee of \$8 each. For this fee, the student is entitled to the services listed in the general catalogue under "University Health Service."

Diploma fee.—A diploma fee of \$4 is payable on matriculation

*Effective September, 1926.

for each degree for which a student will be a candidate the following June.

Laboratory fee.—Students who take laboratory courses are required to pay a fee to cover in part the cost of the material consumed. In some cases a deposit also is required to cover breakage of apparatus. Certificates of payment of these fees must be received from the Auditor before students can be assigned to desks in the laboratories or enrolled in their classes. These certificates of payment should be preserved, as a duplicate will be issued only on payment of 50 cents to the Auditor.

LABORATORY FEES AND DEPOSITS

Subject and Course	Fee	Deposit	Total	Subject and Course	Fee	Deposit	Total
Architecture 7		\$ 2.00	\$ 2.00	Education			
Botany				1a	\$ 1.00		\$ 1.00
1	\$ 4.50		4.50	1b	1.00		1.00
7	3.00		3.00	27, Section 6	1.50		1.50
20	6.00		6.00	227fw, Section 2	1.50		1.50
21	4.50		4.50	Electrical Engineer-			
22	4.50		4.50	ing			
26	6.00		6.00	202	\$ 4.50		\$ 4.50
29	6.00		6.00	221	4.50		4.50
36	6.00		6.00	236	1.50		1.50
44	3.00		3.00	Geology			
130	2.00		2.00	1	\$4.50		\$4.50
132	2.00		2.00	16	4.50		4.50
223	3.00		3.00	36	4.50		4.50
406	4.50		4.50	Home Economics			
428	4.50		4.50	1	\$10.00		\$10.00
Business Adminis-				11	7.50		7.50
tration				13	7.50		7.50
199	5.00		5.00	19	5.00		5.00
411	1.00	1.00	2.00	20	7.50		7.50
411abws	1.00	1.00	2.00	22	8.00		8.00
411cf		1.00	1.00	101w	3.50		3.50
634	10.00		10.00	104	3.00		3.00
634cf	3.00		3.00	108s	3.00		3.00
0134	5.00		5.00	112s	3.00		3.00
Chemistry				115f	2.00		2.00
1	\$ 6.00	\$ 6.00	\$12.00	116	2.50		2.50
2	9.00	6.00	15.00	117s	1.50		1.50
18		6.00	6.00	123f or s	1.50		1.50
19		6.00	6.00	202ws	5.00		5.00
20		6.00	6.00	208fw	7.00		7.00
21		6.00	6.00	212fw	5.00		5.00
29		6.00	6.00	215ws	3.00		3.00
30		6.00	6.00	217fw	5.00		5.00
31		6.00	6.00	Mechanical Engineer-			
40	3.75	6.00	9.75	ing			
60		6.00	6.00	101	\$ 3.00		\$ 3.00
61		6.00	6.00	102	3.00		3.00
62		6.00	6.00	119	3.00		3.00
104w	13.00		13.00	206	6.00		6.00
109f	3.75	6.00	9.75	240	6.00		6.00
110w	3.75	6.00	9.75	Physics			
112	3.75	6.00	9.75	1	\$ 4.50		\$ 4.50
113s	3.75	6.00	9.75	2	4.50		4.50
114	3.75	6.00	9.75	13	4.50		4.50
115	3.75	6.00	9.75	21	1.50		1.50
116	3.75	6.00	9.75	33a	6.00		6.00
126	3.75	6.00	9.75	33bc	3.00		3.00
151f	1.25	6.00	7.25	33	9.00		9.00
201	3.75	6.00	9.75	38	4.50		4.50
212	7.50	6.00	13.50	39	4.50		4.50
401	3.75	6.00	9.75	40	4.50		4.50
411	3.75	6.00	9.75	231	4.50		4.50
450	3.75	6.00	9.75	252ws	3.00		3.00
Civil Engineering				422	4.50		4.50
47		\$.50	\$.50	Zoology			
119	\$ 1.50		1.50	1	\$ 6.00		\$ 6.00
128	1.50		1.50	3	4.50		4.50
139	1.50		1.50	4	6.00		6.00
140	1.50		1.50	7	3.00		3.00
Drawing				16	6.00		6.00
15	\$ 2.00		\$ 2.00	17	4.50		4.50
113	2.00		2.00	37	6.00		6.00
				226fw	3.00		3.00
				410	6.00		6.00

REGISTRATION

A graduate student is required to register in person at the beginning of each term, and to arrange at his first registration his schedule of courses for all three terms of the session. However, at the discretion of the Dean of the Graduate School, he may obtain changes in schedule subsequently without paying a fee.

DEFINITION OF COURSES

Instruction is given in full courses, one-third courses, two-thirds courses, and four-thirds courses, according to the amount of work. A full course implies three classroom hours a week, or their equivalent, throughout a nine-months session; a one-third course implies one classroom hour a week throughout the session, or three classroom hours a week throughout one term of a Long Session, and so on. For each classroom hour, two hours of preparation are expected.

Three hours of laboratory work are counted equivalent to one classroom hour and the preparation for it.

Expressed in credit hours, a course is three sessions or year hours, six semester hours, or nine term hours (the term being one-third of a nine months' session).

Notation of courses.—Full courses are designated with the numbers below 100, one-third courses with the numbers 100 to 199, two-thirds courses with the numbers 200 to 299, four-thirds courses with the numbers 400 to 499, and so on.

The lower-case letters *f*, *w*, *s* following a course number show the term (fall, winter, spring) in which the course is given. Courses not so designated run throughout the year.

The lower-case letters *a*, *b*, *c*, *d* following a course number designate a particular portion of the course, and also show that this portion cannot be counted until the whole course is completed.

In full courses, unless otherwise indicated, the fall term's work is designated with *a*, the winter term's with *b*, the spring term's with *c*. Similarly, in two-thirds courses the first third is ordinarily designated with *a*, the second third with *b*. Thus the notation *English 1cf* indicates the spring (the third) term's work of English 1, but given in the fall term.

The capital letter *F* following a course number means that the course is open to freshmen; the capital *I* (intermediate), that it is a sophomore course; the capital *A*, that it is advanced and open to properly qualified juniors and seniors; and the capital *S*, that it is primarily for seniors, has an advanced course as a prerequisite, and counts as two advanced courses in satisfying the "advanced course" requirements for a degree; the capital *G*, that it is primarily for graduates.

Selection of courses.—The only way to become a member of a class is to register for it through the proper registration committee at registration, or, if it be desired to add a course after registration is completed, by petition to the dean of the college or school in which the student is registered. In either case, the instructor gets the student's name by a card sent from the Registrar, and in no other way.

ADDING AND DROPPING COURSES

Consult the Dean of the Graduate School.

GRADES OF SCHOLARSHIP

For graduate credit there are two grades, namely, *A* and *B*.

PERMISSION TO VISIT CLASSES

A graduate student may be enrolled as a visitor at any time in any undergraduate or graduate course upon presenting to the instructor the written permission of the Dean of the Graduate School.

CHARACTER OF GRADUATE WORK

The principal aim of graduate study is the development of the power of independent work and the promotion of the spirit of research. Consequently, the work expected from graduates is different in character from that usually demanded from undergraduates. Each graduate student must show that he has acquired the power of independent research before he will be admitted to the final examinations for his degree. In addition, each candidate is required to have a wide knowledge of his major subject and of related fields of work. Students are therefore expected to do assigned reading and laboratory work, and to attend lectures and conferences for the purpose of getting advice and guidance which will be of use to them in their private research.

FELLOWSHIPS, SCHOLARSHIPS, TUTORSHIPS, AND ASSISTANTSHIPS*

For the purpose of promoting higher scholarship and research in the College of Arts and Sciences and in the Graduate School, the Board of Regents has appropriated the sum of \$5,000 for each year of the biennium 1925-1927 to be used for fellowships and scholarships.

*The names of the holders of fellowships and scholarships for the session of 1925-1926 will be found elsewhere in this catalogue.

At the discretion of the Graduate Faculty the entire sum may be used for University Advanced Fellowships, or University Fellowships, or University Scholarships, or any combination of fellowships or of fellowships and scholarships.

The University Advanced Fellowships, open only to graduate students of at least one year's standing, yield each a stipend of \$500 a year; the University Fellowships yield each a stipend of \$250 a year; and the University Scholarships yield each a stipend of \$200 or \$100, the number of scholarships and the amount of the stipend of each to be determined by the Graduate Faculty—in all cases with remission of matriculation and laboratory fees.

The fellowships are intended for graduates of the College of Arts and Sciences, the College of Engineering, the School of Education, and the School of Business Administration, of the University of Texas, or of another college of recognized standing, who wish to pursue studies in the Graduate School. They will be awarded by the Graduate Faculty to applicants qualified to do graduate work in the subjects which they elect, preference being shown to those who have demonstrated their ability in some form of research. Ability to read French and German will enhance the applicant's chances of success. The scholarships will be awarded to graduate and senior students of marked ability and promise.

Application should be made upon the official blank furnished by the Registrar, and, accompanied by evidence of character, scholarship, ability, and general worthiness (published writings, testimonials of instructors, outline of educational course pursued, distinctions gained, etc.), should be forwarded to the Dean of the Graduate School in time to be in his hands by March 1 of the academic year preceding that during which the fellowship or scholarship is to be held.

Each fellow or scholar shall pursue his studies subject to the approval of the Graduate Faculty, under the direction of the officers of instruction in charge of his special studies. No duties of instruction or other work usually expected of assistants shall be allowed.

The income of fellowships and scholarships is payable at the Auditor's Office as follows: One-eighth on November 1, and the same amount on the first day of each succeeding month during tenure.

Fellowships or scholarships vacated by resignation or for other cause may be filled as they occur, at the option of the Graduate Faculty.

Application for reappointment must be made by March 1 of the academic year during which the fellowship or scholarship is held. The application should contain a full account of the work done during the year and an outline of the work to be undertaken the following year.

Walden-Beard Fellowship.—Out of love for their native State, Mr. J. J. Walden, General Manager of the Southwestern Engraving Company, and Mr. Roy J. Beard, President of the Star Engraving

Company, both of Fort Worth, have created a fellowship of \$2,000 a year, available to a member of the teaching staff of the University with rank of instructor or adjunct professor. For 1925-1926 the founders designated Mr. R. H. Montgomery, B.A., M.A., Adjunct Professor of Economics, as the first holder. Thereafter the award will be made on a competitive basis by the Graduate Faculty. Each holder obligates himself to teach in Texas schools for at least three years following his period of study under this fellowship. If he does not do so, he will return, for each year less than three, one-third of the total stipend, which amount will become a part of the endowment.

Applications for this fellowship must be made to the Dean of the Graduate School before March 1 of the academic year preceding that during which the fellowship is to be held, and should be accompanied by: (1) A transcript of the record of the work done for the degrees of Bachelor of Arts and Master of Arts or any other graduate degree; (2) publications by the applicant; (3) a statement of the field in which he desires to work; (4) letters of recommendation. The ability to read French and German will enhance the applicant's chances of success.

The Malcolm Hiram Reed, Jr., Fellowship.—In memory of their son, Mr. and Mrs. Malcolm Hiram Reed, of Austin, Texas, have established the Malcolm Hiram Reed, Jr., Fellowship, with a stipend of \$1,000 per annum and remission of matriculation and laboratory fees, for the purpose of promoting high scholarship and research in the Graduate School of the University of Texas. The holder, appointed annually by the Graduate Faculty, must be a young man of character and ability, who has attained the degree of Master of Arts, and who has demonstrated by previous work his fitness to carry on successfully original research of a high order. Its acceptance obligates the holder to engage in no other work during his incumbency of the fellowship, except with the consent of the Graduate Faculty. The holder shall pursue his studies and investigations subject to the approval of the Graduate Faculty, under the direction of the officers of instruction in each of his special studies.

Applications for this fellowship must be made to the Dean of the Graduate School before March 1 of the academic year preceding that during which the fellowship is to be held, and should be accompanied by: (1) A transcript of the record of the work done for the degrees of Bachelor of Arts and Master of Arts; (2) publications by the applicant; (3) a statement of the field in which he desires to work; (4) letters of recommendation. The ability to read French and German will enhance the applicant's chances of success.

The Louis Lipsitz Fellowship.—Out of love for the State of Texas and a deep interest in higher education, Mr. Louis Lipsitz, President of the Harris-Lipsitz Lumber Company, Dallas, Texas, has estab-

lished for the scholastic years 1926-1927 and 1927-1928 the Louis Lipsitz Fellowship, with a stipend of \$1,000 per annum and remission of matriculation and laboratory fees, for the purpose of promoting high scholarship and research in science in the Graduate School of the University of Texas. The holder, appointed annually by the Graduate Faculty, must be a young man of character and ability, who has obtained the degree of Master of Arts, or Master of Science, and who has demonstrated by previous work his fitness to carry on successfully original research of a high order. Its acceptance obligates the holder to engage in no other work during his incumbency of the fellowship except with the consent of the Graduate Faculty. The holder must be a *bona fide* resident of the State of Texas and shall pursue his studies and investigation subject to the approval of the Graduate Faculty, under the direction of the officers of instruction in each of his special studies.

Applications for this fellowship must be made to the Dean of the Graduate School before March 1 of the academic year preceding that during which the fellowship is to be held, and should be accompanied by: (1) A transcript of the record of the work done for the degrees of Bachelor of Arts and Master of Arts or any other graduate degree; (2) publications by the applicant; (3) a statement of the field in which he desires to work; (4) letters of recommendation; (5) evidence that he is a resident of the State of Texas. Ability to read French and German will enhance the applicant's chances of success.

Charles Durand Oldright Fellowship.—In memory of her son, Charles Durand Oldright, student of the University 1888-1893, student and assistant in biology 1895-1896, Mrs. Julia I. Oldright, of Austin, has established a fellowship in philosophy with an endowment of \$10,000. The holder, appointed annually by the Board of Regents, must be a young man of character and ability, who has attended the University at least one year and has given promise of a profitable study of philosophy, regard being had to his financial needs so far as is consistent with the other conditions laid down. He shall receive the annual income from the fund up to \$600. The fellowship may not be held by the same man longer than three years. The stipend of this fellowship meets practically all the holder's ordinary financial demands, and is intended to enable him to spend his time in no other work, except with the consent of the President. Candidates for the fellowship should apply to the chairman of the Department of Philosophy and Psychology.

Texas Portland Cement Company Fellowship.—The Texas Portland Cement Company, of Dallas, offers for the school year 1926-1927 a research fellowship of \$600. The holder is expected to devote one-half time to graduate study in the College of Engineering and one-half to research in the Engineering Experiment Station.

Application should be made upon the official blank furnished by the Registrar, and, accompanied by evidence of character, scholarship, ability, and general worthiness (published writings, testimonials of instructors, outline of educational course pursued, distinctions gained, etc.), should be forwarded to the Dean of the Graduate School in time to be in his hands by March 1 of the academic year preceding that during which the fellowship or scholarship is to be held.

The Edgar Lewis Marston Fellowship.—This fellowship is announced in the catalogue of Brown University for 1924-1925 as follows:

"A fund of \$10,000 for the benefit of graduates of the University of Texas. The income is awarded annually to any student, male or female, who, having graduated from the University of Texas, may be nominated by the President, the Dean, and the professor of Chemistry of that University as the holder of the fellowship in Brown University."

The Reverend J. Elliott Ross Scholarship.—As a tribute to Father Ross, who for nine years was the Chaplain of the Newman Club, this scholarship was founded by his friends and former members of the club. It is available to members of the Newman Club for undergraduate work in the University of Texas or for graduate work in any university. It pays the holder \$350.

The Judge Benjamin Dudley Tarlton Scholarship.—In memory of Judge Tarlton, Professor of Law 1904-1919, a scholarship has been founded paying \$240 to the holder. This scholarship is available to members of the Newman Club for undergraduate or graduate work in the University of Texas, or for graduate work at some other university. Candidates should communicate with the president of the Newman Club.

United Daughters of the Confederacy Scholarship.—The Texas Division of the United Daughters of the Confederacy offers a scholarship of \$300 to encourage the study of the history of the Confederacy. Applicants must be lineal descendants of Confederate veterans and must agree to major in American history, preferably Southern history. Award will be made on the basis of character, scholarship, intellectual promise, and financial condition, preference being given to ex-service men of the World War. Committee on award: The president of the organization, the chairman of its Education Committee, and the professor of American History in the University of Texas. For information apply to Mrs. E. W. Bounds, 1216 College Avenue, Fort Worth, Texas.

TUTORSHIPS AND ASSISTANTSHIPS

To provide at reasonable cost the help needed in the conduct of large elementary classes, and to assist worthy students to broaden

and continue their University training, the Regents authorize each year a number of tutorships and assistantships, which are filled in accordance with the following regulations:

(1) Tutorships and assistantships are intended primarily for students of the Graduate School, the College of Arts and Sciences, the School of Business Administration, the School of Education, and the College of Engineering, who wish to pursue advanced or professional studies.

(2) They are conferred by the President upon nomination by the department and approved by the Administrative Council.

(3) Only high rank graduates will be appointed as tutors; only high rank undergraduates or graduates, as assistants.

(4) Twelve hours a week of work will be considered the ordinary maximum duty of a tutor or an assistant. Each three hours of such duty a week will count as a third of a course in the application of the rule regulating the number of courses for which a student may register.

(5) Tutors will be allowed regularly to teach freshman classes and laboratories in case of need, and to assist in upperclass laboratories.

(6) Assistants will not be allowed to do stenographic work, teach classes regularly, quiz classes, or grade examination papers, unless the instructor is present to help and supervise the work; but they may be required to grade exercises, do the office work of the department, and assist in freshman laboratories.

(7) A tutorship or an assistantship may be declared vacant by the President at any time if the conduct and standing of the holder are unsatisfactory.

Applications for tutorships and assistantships should be addressed to the chairman of the department in which the applicant's work would lie.

REQUIREMENTS FOR DEGREES

CANDIDACY

A graduate student desiring to become a candidate for the master's degree should, at the time of matriculation or as soon as possible thereafter, consult the Dean of the Graduate School concerning the technical requirements for the degree. Application for admission to candidacy must be made, on the official blank to be had of the Dean, not later than January 12 of the Long Session in which the degree would be conferred.

A graduate student desiring to become a candidate for the doctor's degree should not, if entering upon graduate work for the first time, make formal application for candidacy until he has worked a suf-

ficient length of time to become known to his instructors. The application for candidacy for the doctor's degree must be endorsed by the student's supervisory committee, and must be accompanied by (1) certificates setting forth that the student possesses a satisfactory command of English, both oral and written, and sufficient linguistic equipment, in addition to French and German, to do the required work; (2) certified statements of his previous work, both undergraduate and graduate, accompanied by papers written or other suitable evidence of original work done.

GENERAL REGULATIONS

Each candidate for a higher degree is required to spend at least one year at the University during his graduate course of study. To satisfy this requirement, a student must complete in residence not less than four graduate courses or their equivalent.

Work done in residence during the Summer Session may be counted toward the master's or the doctor's degree provided it is of the required quality and character.

Courses done by correspondence are not accepted for higher degrees.

No course already counted toward another degree may be counted toward the M.A., the Ph.D., or any other graduate degree, either directly or by substitution for a course taken in the Graduate School.

DOCTOR OF PHILOSOPHY

For the degree of Doctor of Philosophy, the fundamental requirements are as follows:

(1) A prior degree of Bachelor of Arts from the University; or a bachelor's degree, from this or another school, representing an equivalent training; or, under conditions to be prescribed by the faculty, an engineering degree, from the University or some other institution, representing an equivalent amount of training.

(2) A major and one or two minor subjects of graduate study, the major to be pursued for a minimum period of three years, of which at least one must be passed in residence at the University of Texas.

As it is desirable that each candidate for the doctor's degree shall get thorough training in some field of knowledge and at the same time avoid too narrow specialization, the student is required to choose three subjects for study and final examination. By *subject* is meant the field of knowledge of a department, or such part thereof (to be determined by the Graduate Faculty) as constitutes a separate and sufficiently extended field of study. The field in which the student desires to attain his highest proficiency and widest knowledge is called his *major* subject. The two others are called *first minor* and *second minor*.

A single course of study in any department cannot be selected as a major or a minor. The first minor should be a subject closely related to the major.

A candidate may choose a division of his major subject as his first minor, but is not permitted to choose as a second minor any division of work in that same department.

Two-thirds of the work required for the degree must be done in the major subject; one-third of the work, in the minor subjects. The minor subjects will require the equivalent of one full academic year of graduate work, but it is not necessary to attempt to complete the work of both minors in one year. The first minor will require three-fifths of the total time given to both minors, and the second minor will require the remaining two-fifths.

(3) High attainments in scholarship and the power of attacking a suitable problem in an independent and efficient manner, to be shown by an examination to be passed at a convenient time and by a thesis dealing with the major subject.

The thesis is of first importance. It must show not only creditable literary workmanship and good command of the resources of expression, but also original treatment of a fitting subject or evidence of independent research. The inquiry should ordinarily be confined within narrow bounds; the treatment should be as concise as the subject permits and show familiarity with the history of the problem, the literature bearing upon it, and the latest methods of research applicable to it. Every thesis should contain a clear introductory statement of the object of the investigation and a final résumé of results, together with an index of the contents and a bibliography of the subject. Two typewritten copies of the thesis must be filed with the Dean of the Graduate School, for public examination, not later than May 1 of the year in which the candidate intends to present himself for final examinations. After the thesis has been accepted, 100 printed copies must be deposited in the University Library.

(4) Toward the end of the second year of study, or by special permission at the beginning of the third year, demonstration of the candidate's ability to read French and German and any other language necessary to do the required work.

(NOTE.—The preparation for the foreign language examination should include at least two college courses in French and two college courses in German, followed by subsequent reading in both of these languages in order to secure facility in their use.)

(5) Approval of the course of study by the candidate's supervisory committee and the Dean of the Graduate School. The supervisory committee, chosen from the teaching staff of the departments in which the work of the candidate lies, supervises his work in general; determines the linguistic requirements, in addition to French and German, he must satisfy; holds his examinations; passes upon

his thesis; determines the scope of the oral examination for the degree; and reports in writing to the Dean of the Graduate School the results of the examinations and the acceptance or rejection of the thesis. The final acceptance or rejection of the candidate requires the approval of the Supervisory Committee and the Dean of the Graduate School.

MASTER OF ARTS

For the degree of Master of Arts, the requirements are as follows:

(1) A prior degree of Bachelor of Arts from the University of Texas, or a bachelor's degree from this or another school, representing an equivalent training, provided that in the latter case the Dean of the Graduate School is satisfied that the courses pursued by the candidate are equivalent to those required by the University of Texas. The Dean of the Graduate School will interpret "equivalent training" as including the requirements of the Bachelor of Arts degree, except that (a) the group requirements need not be absolutely fulfilled and (b) the two science courses need not be in separate subjects.

(2) The filing of an application for candidacy with the Dean of the Graduate School not later than January 12 of the Long Session, or August 1 of the Summer Session, in which the candidate intends to present himself for the degree.

(3) The equivalent of five courses of graduate instruction completed with a grade of *A* or *B*; three-fifths (major) of the work to be done in one department, in which at least one advanced course has already been completed, such time as the instructor in charge and the Dean of the Graduate School may approve being devoted to the preparation of a thesis; the remaining two-fifths (minor or minors) to be selected outside that department. With the consent of the department in which the major is taken and the approval of the Dean of the Graduate School, the candidate may take one minor outside the College of Arts and Sciences. In no case, however, may a course intended primarily for undergraduates be presented for the master's degree.

At the option of a department, the completion of two advanced courses, when reported to the Dean of the Graduate School, may be made prerequisite to major work in that department. Departments now requiring two advanced courses in the major subject for admission to candidacy are Botany, Chemistry, English, History, Physics, and Pure Mathematics.*

Each candidate for the master's degree must submit to the Dean of the Graduate School (1) the title of his proposed thesis not later

*Beginning with the session of 1927-1928, Education, French, Germanic Languages, Government, Philosophy and Psychology, and Spanish will require two advanced courses in the major subject as a prerequisite to admission to candidacy for the degree of Master of Arts.

than the second Monday in January of the Long Session in which he intends to present himself for the degree; (2) a fair copy of the thesis not later than the third Monday in April; (3) the final copy, unbound, for examination by the committee appointed for that purpose, not later than May 21: (4) the final copy, bound, after approval by the committee, not later than Friday preceding Commencement Day.

(4) The proper correlation of major and minor subjects.

(5) The approval of the course of study by the Dean of the Graduate School, and of the thesis by the instructor in charge, by the committee, and by the Dean of the Graduate School.

The Department of Home Economics is permitted to offer major work leading to the degree of Master of Arts under the following conditions:

A prior degree of Bachelor of Arts from the University of Texas or a Bachelor of Science degree or a Bachelor of Science degree in Home Economics, any one of which must include the following requirements:

- (1) Two courses in English (1 and 2 or 3).
- (2) Two numbered courses in a foreign language.
- (3) One course in mathematics.
- (4) Three courses in the natural sciences, including Chemistry 1, Physics 1 or 2, and Zoology 16.
- (5) Chemistry 2 or an equivalent course in quantitative chemical analysis, and Chemistry 411.
- (6) One course in economics (Economics 1).
- (7) One-third course in philosophy or psychology.
- (8) Five or six courses in home economics, including Home Economics 13, 212, 112, 22 (or an elective in lieu of 22, depending upon the major interest of the individual student).
- (9) Five or five and one-third advanced courses, including Chemistry 411, Home Economics 13, 212, 112; the others to be selected from chemistry, botany, zoology, economics, or home economics, depending upon the aspect of nutrition the student will follow.
- (10) Enough other courses to make the total of twenty required for the bachelor's degree.

The courses required of students who major in home economics for the degree of Master of Arts are as follows: the equivalent of five courses of graduate instruction, completed with a grade of *A* or *B*, and distributed as follows:

Major: Home Economics 22 S, Research and Nutrition 50 G, Seminar in Nutrition 51 G, and thesis. Total, three courses.

Minor or minors: Two advanced courses selected outside the Department of Home Economics.

All other conditions are given under (2), (3), (4), and (5) on page 182 of the Catalogue of the University of Texas under the present requirements for the degree of Master of Arts, and on pages 43-44 of this bulletin.

MASTER OF BUSINESS ADMINISTRATION

For the degree of Master of Business Administration, the requirements are as follows:

(1) A prior degree of Bachelor of Arts or of Bachelor of Business Administration from the University of Texas, or an equivalent degree from another institution approved by the School of Business Administration and by the Dean of the Graduate School.

(2) The filing of an application for candidacy with the Dean of the Graduate School not later than October 15. The course of study must be approved by the faculty of the School of Business Administration and by Dean of the Graduate School.

(3) The equivalent of five courses of graduate instruction, completed with not less than a *B* average, and not less than *C* in any term for the courses taken. Of these five graduate courses not less than three shall be business administration courses.

(4) The student must have to his credit not less than ten courses in business administration.

(5) Not to exceed two middle or senior law courses supplementary to the major subjects may be counted toward the M.B.A. degree.

(6) A thesis approved by the committee appointed for the purpose and by the Dean of the Graduate School. The subject of the thesis must be presented to the Dean of the School of Business Administration and to the Dean of the Graduate School not later than the second Monday in January. The candidate must present to the Dean of the Graduate School a fair copy of his thesis not later than the third Monday in April, and the final copy, unbound, on or before May 21, for examination by the committee appointed for that purpose. When approved by the committee, the copy must be bound and returned to the Dean of the Graduate School not later than the Friday preceding Commencement Day.

(7) The passing of a general examination given by a committee of not less than three members during the last three weeks of May at a date to be determined by the Dean of the Graduate School, who shall select the examining committee from among the instructors with whom the student has done his major and minor work.

(8) Evidence of business capacity as shown by business experience satisfactory to the faculty of the School of Business Administration.

(9) No grade of a graduate student in Business Administration, candidate for the M.B.A. degree, may be raised except by taking the work a second time.

MASTER OF EDUCATION

For the degree of Master of Education the requirements are as follows:

1. A prior Bachelor of Science in Education or Bachelor of Arts degree in the University of Texas or a bachelor's degree from here or elsewhere representing equivalent training.

2. The filing of an application for candidacy with the Dean of the Graduate School not later than January 12 of the Long Session, or August 1 of the Summer Session, in which the candidate intends to present himself for the degree.

3. The equivalent of five courses of graduate instruction completed with the grade of *A* or *B*; three-fifths (major) of the work to be done in the School of Education and to be based upon four courses in education, two of which are advanced, such time as the instructor in charge and the Dean of the Graduate School may approve being devoted to the preparation of the thesis; the remaining two-fifths (minor or minors) to be selected outside of the School of Education. It is understood that the requirements for a minor or minors are the same as those which prevail in the various departments of the University for the present Master of Arts degree.

4. The proper correlation of major and minor subjects.

5. The approval of the course of study by the Dean of the Graduate School and of the thesis by the instructor in charge, by the committee, and by the Dean of the Graduate School.

MASTER OF JOURNALISM*

Bachelor of Arts of the University who have not less than three courses in journalism to their credit may proceed to the degree of Master of Journalism upon the completion of five additional courses in journalism, all advanced.

In consideration of a special master's degree in journalism, graduate courses in journalism will not count toward a graduate degree in arts.

MASTER OF SCIENCE IN ENGINEERING

For the degree of Master of Science in Engineering (with designation of the branch—Architectural, Chemical, Civil, Electrical, or Mechanical Engineering—in which it is given) the requirements are as follows:

(1) A prior degree of Bachelor of Science in Engineering from the University; or a Bachelor of Science degree in Engineering from another school, representing an equivalent training.

*This degree will not be offered during the session of 1926-1927.

(2) The filing of an application for candidacy with the Dean of the Graduate School not later than January 12 of the Long Session, or August 1 of the Summer Session, in which the candidate intends to present himself for the degree.

(3) The equivalent of five advanced courses (not less than three of which shall be in engineering) completed with a grade of *A* or *B*, the work to be distributed as follows:

(a) *Prescribed work*.—Two or three advanced courses (major), at least one of which shall be research, to be done in one department of engineering, such time as the instructor in charge and the Dean of the Graduate School may approve being devoted to the preparation of a thesis; the remaining courses (minor or minors) to be chosen from among the partial electives given below.

(b) *Partial electives*.—One to two approved advanced courses in other engineering departments; one to two approved advanced courses in mathematics or pure science. One advanced course not in engineering may be chosen as one of the partial electives.

Each candidate for the master's degree must present to the Dean of the Graduate School (1) the title of his proposed thesis not later than the second Monday in January of the Long Session in which he intends to present himself for the degree; (2) a fair copy of the thesis not later than the third Monday in April; (3) the final copy, unbound, for examination by the committee appointed for that purpose, not later than May 21; (4) the final copy, bound, after approval by the committee, not later than Friday preceding Commencement Day.

(4) The approval of the course of study by the Dean of the Graduate School, and of the thesis by the instructor in charge, by the committee, and by the Dean of the Graduate School.

MASTER OF SCIENCE IN ARCHITECTURE

For the degree of Master of Science in Architecture the requirements are as follows:

(1) A prior degree of Bachelor of Science in Architecture from the University; or a bachelor's degree in architecture from elsewhere representing an equivalent training.

(2) The filing of an application for candidacy with the Dean of the Graduate School not later than January 12 of the Long Session, or August 1 of the Summer Session, in which the candidate intends to present himself for the degree.

(3) The equivalent of five advanced courses (not less than three of which shall be in the Department of Architecture) completed with a grade of *A* or *B*, the work to be distributed as follows:

(a) *Prescribed work*.—Three advanced courses (major), at least one of which shall be research, to be done in the Department

of Architecture, such time as the instructor in charge and the Dean of the Graduate School may approve being devoted to the preparation of a thesis; the remaining courses (minor or minors) to be chosen from among the partial electives given below.

(b) *Partial electives*.—One to two approved advanced courses in other departments of the College of Engineering; one to two approved advanced courses not in the College of Engineering.

Each candidate for the master's degree must present to the Dean of the Graduate School (1) the title of his proposed thesis not later than the second Monday in January of the Long Session in which he intends to present himself for the degree; (2) a fair copy of the thesis not later than the third Monday in April; (3) the final copy, unbound, for examination by the committee appointed for that purpose, not later than May 21; (4) the final copy, bound, after approval by the committee, not later than Friday preceding Commencement Day.

(4) The approval of the course of study by the Dean of the Graduate School, and of the thesis by the instructor in charge, by the committee, and by the Dean of the Graduate School.

SUMMER SCHOOL ITEMS

Application for candidacy for the master's degree must be made upon the official blank and filed with the Dean of the Graduate School within two weeks after the opening of the Summer Session. This blank may be obtained at the Dean's office.

No application will be received after August 1.

The written title of the thesis must be communicated to the Dean of the Graduate School within two weeks after the opening of the Summer Session in which a degree is sought.

The final date for handing in theses of candidates for the degrees of Master of Arts, Master of Business Administration, Master of Education, Master of Journalism, Master of Science in Architecture, and Master of Science in Engineering, in August, is as follows: seven days prior to the beginning of the final examinations of the Summer Session.

The final copy, unbound, for examination by the committee appointed for that purpose must be in the hands of the chairman of the committee not later than seven days prior to the beginning of the final examinations for the Summer Session, and, when approved by the committee, the copy must be bound and returned to the Dean of the Graduate School not later than two days prior to the commencement.

UNIVERSITY RESEARCH LECTURES

The University Research Lectures are delivered annually by a member of the faculty of the Main University, chosen for important achievement in research or for distinguished work in the arts. The lecturer is selected by the Graduate Faculty each year in April for the ensuing session. The lectures, not fewer than three nor more than five in number, are delivered in March of each year. Professor Frederick Eby, PH.D. LL.D., Professor of the History of Education, Director of the Summer Session, is holder of the lectureship for the session of 1925-1926.

ANNOUNCEMENTS OF DEPARTMENTS OF INSTRUCTION

COURSES OF INSTRUCTION

The Final Announcement of Courses for 1926-1927 will be issued in September. The following statement is historical, setting forth the offerings of 1925-1926 and 1926-1927. The Final Announcement will include any changes that may be necessary in the present statement because of omitting any courses herein announced or adding such new courses as may be approved. In registration the Final Announcement of Courses should be used.

For notations, see page 34.

Class sections and laboratory groups having odd numbers meet on Monday, Wednesday, and Friday, or on one or two of these days; those having even numbers meet on Tuesday, Thursday, and Saturday, or on one or two of these days.

No Graduate Credit is Given for Courses that are Primarily for Undergraduates.

DEPARTMENT OF ANTHROPOLOGY

JAMES EDWIN PEARCE, M.A., *Professor of Anthropology.*

GEORGE CHARLES MARIUS ENGERRAND, M.A., *Associate Professor of Anthropology; Curator of Collections in the Bureau of Economic Geology.*

MRS. RUTH MILLER ROGERS, M.A., *Instructor in Anthropology.*

Facilities for Graduate Study

Extensive library facilities in anthropology are provided, including: files of nearly all journals in English dealing with anthropology, ethnology, and archaeology; publications of the Bureau of American Ethnology and the Smithsonian Institution; most of the anthropological publications of the world's great museums; and a great many volumes dealing with ethnography, anthropo-geography and exploration and with the technology of anthropology and many technical anthropological problems. In the Garcia Library and in the copies of church and state archives from Mexico are a great many accounts of early Texas Indian tribes, yet to be translated into English and interpreted and epitomized into a consistent account of the historical

Indian tribes of Texas of which at present the world knows very little.

Texas archaeology affords an excellent field for research. This is a large and important field and one in which little has been accomplished as yet. Many of the rich characteristic kitchen midden deposits of Texas are in easy reach of Austin and afford excellent opportunity for research and training in archaeology. Remnants of most of the old Indian tribes of the central portions of the United States are in easy reach in Oklahoma for field study in ethnology.

Requirements for Graduate Study

Prerequisite Courses.—Students expecting to pursue major work in anthropology for an advanced degree must have completed at least one advanced course in the department.

M.A. Degree Requirements.—Students majoring in the Department of Anthropology for the degree of Master of Arts will be expected to write an acceptable thesis in a field chosen after conference with the chairman of the department and to complete in addition two advanced courses with a minimum grade of *B*. Two minors are to be chosen outside of the department.

Preliminary Courses for Undergraduates

101f. I. Physical Anthropology.—Origin, differentiation, and dispersion of mankind. Prerequisite: Sophomore standing.

202ws. I. Cultural Anthropology.—Paleolithic and Neolithic stages of culture; hunting, nut and fruit gathering, and root digging; herding and horticulture. Prerequisite: Sophomore standing.

For Undergraduates and Graduates

31. A. Anthro-geography.—The influence of geographic environment on the evolution of culture. Prerequisite: Anthropology 104, 105 and 106; or 101 and 202. Associate Professor ENGERRAND. (Alternates with Anthropology 32; given in 1926–1927.)

[*32. A. Ethnology.*—Physical, social, and linguistic differences of races. Ethnic groups of mankind and their bases. Prerequisite: Anthropology 104, 105, and 106, or 101 and 202. Associate Professor ENGERRAND. (Alternates with Anthropology 31; omitted in 1926–1927.)]

[*33. S. Early Exploitative Institutions and Practices.*—War and conquest; origin, forms, and meaning of war; effects upon the vigor of races; relics in present life. Slavery: origin and forms; influence on early culture; effects on physical and moral qualities of master and slave; relics in modern industrial and social life. Serfdom, feudalism, and landed property. Prerequisite: Anthropology 104, 105,

and 106; or 102 and 202. (Alternates with Anthropology 35; omitted in 1926-1927.)]

34. *S. Anthropology Seminar.*—Subject for 1926-1927 to be selected. Prerequisite: Two courses in anthropology. Professor PEARCE; Associate Professor ENGERRAND.

[35. *A. Primitive Nature Philosophy.*—Cosmology and cosmogony of primitive peoples. Belief in magic and practices consequent upon such beliefs. Primitive religions. Prerequisite: Anthropology 104, 105, and 106; or 101 and 202. Professor PEARCE. (Alternates with Anthropology 36; omitted in 1926-1927.)]

[103s. *S. Demography and National and Race Problems of the United States.*—Distinctive ethnic and cultural elements considered anthropologically; attention to negro, Mexican, and recent immigrant elements, and best adjustments to the older dominant English-American element; American geographical environment; race element in international relations, and race problems in dependencies. Prerequisite: Two full courses in anthropology, or one full course in anthropology and consent of the instructor. Professor PEARCE. (Alternates with Anthropology 36; omitted in 1926-1927.)]

203fw. *S. Formation and Demography of European Nations.*—Origin and formation from viewpoint of ethnology; ethnic, social, and geographical factors contributing to their making; national psychology based on racial psychology; share of the various peoples in the development of present European civilization. Prerequisite: Anthropology 32 and a reading knowledge of two modern foreign languages, including German or French, preferably both. TTS 12. Associate Professor ENGERRAND. (Alternates with Anthropology 37; given in 1926-1927.)

For Graduates

36. *G. American Archeology.*—A study of the cultural remains of Peru, Central America, Mexico, the Southwestern United States, and the Mississippi Valley, and of the kitchen deposits of various other parts of North America, especially of Texas. Emphasis on evidences of the evolution of the arts. Prerequisite: Three full courses in anthropology. MWF 8. Professor PEARCE. (Alternates with Anthropology 103; given in 1926-1927.)

[37. *G. Old World Archeology.*—A synthetic view of the conceptions of modern archeologists with regard to the long periods of man's social development preceding written history. Special emphasis upon Europe, but some attention also to Mesopotamia, Egypt, Persia, India, Turkestan, China, and Japan. Prerequisite: Three full courses in anthropology and ability to read at least one foreign language. TTS 12. Associate Professor ENGERRAND. (Alternates with Anthropology 203; omitted in 1926-1927.)]

DEPARTMENT OF APPLIED MATHEMATICS

HARRY YANDELL BENEDICT, PH.D., LL.D., *Professor of Applied Mathematics and Astronomy; Dean of the College of Arts and Sciences.*

CHARLES DONNELL RICE, M.S., D.Sc., *Associate Professor of Applied Mathematics.*

Facilities for Graduate Study

Except for a sophomore course in General Astronomy, this department is almost exclusively occupied in giving the freshman, sophomore, and junior courses in mathematics which are required for the various engineering degrees.

Preliminary Courses for Undergraduates

1. *F. Introductory Course.*—Plane trigonometry and analytics.

110s. *F. For Home Economics Students.*—Required of candidates for the degree of Bachelor of Science in Home Economics under the Smith-Hughes Act.

111f. *F. Solid Geometry.*—Required of all students engineering who do not present solid geometry for entrance. Counts toward academic degrees but not engineering degrees.

3. *I. Analytics and Calculus.*

214ws. *I. Popular Astronomy.*—The mathematical side of elementary astronomy will neither be stressed nor wholly neglected. Use will be made of lantern slides and a five-inch equatorial. Prerequisite: One course in mathematics.

For Undergraduates and Graduates

15. *A. Applied Mathematics.*—A course which presupposes two courses of mixed trigonometry, analytics, and calculus, is occasionally taken by candidates for the M.A. degree. It reviews and extends the first year of calculus, both differential and integral, and concludes with a brief attack on differential equations.

10. *A. Applied Mathematics.*—Advanced applied mathematics to be regarded as work additional to that offered in the Department of Physics and of Pure Mathematics. One of the following topics will be given annually when a sufficient number of properly prepared students apply:

- a. Advanced Topics in Vector Analysis.
- b. Differential Geometry.
- c. Differential Geometry in space of n -Dimensions. Associate Professor RICE.

- d. Theoretical Mechanics, including generalized coördinates.
- e. Calculation of Orbits.
- f. Celestial Mechanics. Professor BENEDICT.

DEPARTMENT OF BOTANY AND BACTERIOLOGY

ISAAC MCKINNEY LEWIS, PH.D., *Professor of Bacteriology and Botany.*

FREDERICK MCALLISTER, PH.D., *Professor of Botany.*

JOHN T. BUCHHOLZ, PH.D., *Professor of Botany.*

BENJAMIN CARROLL THARP, PH.D., *Associate Professor of Botany.*

*OSCAR BROWN WILLIAMS, M.A., *Adjunct Professor of Bacteriology.*

ERNEST EDGAR PITTMAN, PH.D., *Adjunct Professor of Bacteriology.*

Facilities for Graduate Study

The department is prepared to offer work leading to the degree of Master of Arts in either botany or bacteriology, and to the degree of Doctor of Philosophy in botany.

The equipment for graduate work consists, in part, of suitable laboratories in the new Biological Laboratory; a green-house adjoining the laboratory of physiology; a botanical garden near the campus; an herbarium of about thirty thousand preserved specimens. The laboratories for morphology, cytology, taxonomy, physiology, and bacteriology are ample in size, well planned, and equipped with the various apparatus and supplies required for graduate study. The facilities for research in ecology consist of the necessary appliances for field work, the botanical garden, and an extensive, almost virgin field which abounds in problems.

The library contains the more important sets of journals in morphology, cytology, physiology, genetics, taxonomy, ecology, pathology, and bacteriology.

Requirements for Graduate Study

Prerequisite Courses.—Before beginning graduate work in botany, students must have completed two advanced courses in the subject. This requirement is met by the completion of Botany 1F, 211, 428A, and 406S, or their equivalent in another institution of equal rank. Graduate work in bacteriology may be begun on the completion of one advanced course in the subject and an advanced course in either botany, chemistry, or zoology. The prerequisite is met in bacteriology by the completion of course 29.

The ability to read French and German is necessary for satisfactory work in most lines of investigation. A student who expects to

*Absent on leave for the session of 1926-1927.

become a candidate for an advanced degree should begin the study of foreign languages as early as possible.

M.A. Degree Requirements.—The major work may be done in either botany or bacteriology. Three courses in the major subject are required. If the major subject is botany, two of these must be G courses. Courses 7, 42, and an additional advanced senior or G course, are required. Course 42 consists of the preparation of a thesis embodying the results of original investigation on an approved problem.

In both botany and bacteriology the minor, consisting of two advanced, senior or G courses, must be chosen from another department or departments. In botany, the minor may be chosen from advanced courses in geology, chemistry, physics, or geology. In bacteriology, the minor may be taken in chemistry, zoology, or sanitary engineering.

Ph.D. Degree Requirements.—All candidates for the degree of Doctor of Philosophy with the major subject in botany are required to complete three years of work in botany and allied subjects, ten-fifteenths of which must be devoted to the major, three-fifteenths to the first minor, and two-fifteenths to the second minor. The first minor may be taken in botany, provided the minor is chosen in some phase of the subject differing from the major field. For example, a student whose major work is in morphology and cytology may choose ecology, physiology, bacteriology, or pathology as the first minor. The second minor must be taken in some other department. This may be chosen from advanced, senior or G courses in chemistry, geology, physics, or zoology.

A thesis embodying the results of original investigation of an approved subject is required. Courses 7, 22, 411, 20, and 139 are required.

In addition to the special requirements each candidate must show that he has attained a broad general knowledge of the subject as a whole. This requirement is absolved by passing a written examination in the major and in both of the minors. Questions for the major examination will be chosen from the fields of morphology, cytology, embryology, physiology, pathology, taxonomy, ecology, and genetics. His supervisory committee determines the scope of the oral examination.

Preliminary Courses for Undergraduates

BOTANY

1. *F. Elementary Botany.*—General survey of the plant kingdom; cell structure, tissues, physiological processes, methods of reproduction, relation to environment, distribution, and economic importance of plants. Two lectures and three laboratory hours per week.

21. *I. Taxonomy of the Seed Plants.*—Lectures on the principles of classification of gymnosperms and angiosperms, with herbarium and field study, emphasis being placed on characters of taxonomic importance. Prerequisite: Botany 1. One lecture and six hours of laboratory or field work.

For Undergraduates and Graduates

BOTANY

428. *A. Plant Physiology.*—Laboratory study of general problems in plant physiology, with reading from standard authors. Accurate quantitative results emphasized in all experiments performed. Prerequisite: Botany 21. Six hours of laboratory work and two lectures. Professor McALLISTER.

406. *S. Histology and Cytology.*—Study of tissues of the higher plants; the plant cell and its activities; nuclear and cell division; the preparation of permanent mounts, including killing, imbedding, sectioning, and staining. Prerequisite: Botany 428. Two lectures and six laboratory hours. Professor McALLISTER.

23. *A. Ecology.*—The environmental factors and their influence upon plants, followed by a consideration of plant association, invasion, succession, and geography with emphasis on the flora of Texas. Prerequisite: Botany 21. One lecture and three hours of laboratory or field work. Associate Professor THARP.

22. *S. Systematic Botany.*—The classification of ferns, monocotyledones and dicotyledones, especial emphasis being placed on accurate determination of species. Prerequisite: Botany 23A. Two lectures and three laboratory hours, or one lecture and six hours of laboratory work. Associate Professor THARP.

139. *A. Botany Seminar.*—Discussion of assigned topics, review of important contributions to current literature, and reports upon research work in progress or completed. Strongly advised for advanced undergraduates and all graduates. Botanical Staff.

BACTERIOLOGY

29. *A. General Bacteriology.*—Systematic study of non-pathogenic and pathogenic bacteria; theories of immunity; serology and clinical diagnosis of representative diseases; and sanitary study of water, milk, and foods. Prerequisite: Two courses in botany, chemistry or zoology. Two lectures and three laboratory hours with additional laboratory time as required. Professor LEWIS.

130. *A. Water Bacteriology.*—Sources of supply and methods of purification; the bacteria of water, water borne diseases, sewage and sewage disposal. Prerequisite: Bacteriology 29. One lecture and six hours of laboratory work. Adjunct Professor PITTMAN.

131. *A. Intestinal Bacteriology*.—Bacteriology of the intestinal tract. Includes the bacteria of the normal intestine, intestinal diseases, effects of diet on the intestinal flora, etc. Prerequisite: Bacteriology 29a. Adjunct Professor PITTMAN.

132. *A. Serology*.—Production and standardization of immune sera, opsonins, agglutinins, precipitins, and the Wasserman reaction. Prerequisite: Bacteriology 29ab. One lecture and six laboratory hours. Adjunct Professor PITTMAN.

36. *S. Advanced Bacteriology*.—Laboratory study of general problems in bacteriology with reading from reference books and periodicals. Prerequisite: Bacteriology 29. Professor LEWIS.

For Graduates

BOTANY

7. *G. Embryology of Seed Plants*.—Study of the embryology of gymnosperms and angiosperms. The development of gametophytes, fecundation and the early history of the embryo sporophyte. Prerequisite: Botany 206. Professor BUCHHOLZ.

20. *G. Plant Pathology*.—Study of diseases of plants including causes and methods of prevention and treatment. Prerequisite: Botany 406. Professor LEWIS.

44. *G. Morphology of Cryptogams*.—Study of the structure and development of typical examples of the algae fungi, liverworts, mosses and ferns; field work; identification of members of different groups. Prerequisite: Botany 406. One lecture and six hours of laboratory or field work. Professor McALLISTER.

42. *G. Research Problems*.—The investigation of assigned or selected problems in morphology, histology, cytology, physiology, pathology, taxonomy, ecology, or genetics. Prerequisite: Graduate standing. Credit according to the amount of work with a minimum of nine hours laboratory work. Botanical Staff.

BACTERIOLOGY

42. *Research Problems*.—The investigation of assigned or selected problems in the morphology, physiology, pathology, and taxonomy of bacteria or in immunity. Credit according to the amount of work done with a minimum of nine hours of laboratory work. Prerequisite: Bacteriology 29 and an advanced course in chemistry or zoology. Professor LEWIS, Adjunct Professor WILLIAMS, and Adjunct Professor PITTMAN.

DEPARTMENT OF CHEMISTRY

HENRY WINSTON HARPER, M.D., LL.D., *Professor of Chemistry; Dean of the Graduate School.*

JAMES ROBINSON BAILEY, PH.D., *Professor of Organic Chemistry.*

EUGENE PAUL SCHOCH, PH.D., *Professor of Physical Chemistry.*

WILLIAM AUGUST FELSING, PH.D., *Professor of Chemistry.*

HARRY LOUIS LOCHTE, PH.D., *Adjunct Professor of Chemistry.*

Facilities for Graduate Study

Modern facilities have been provided for all types of investigations relating to inorganic, analytical, organic, physical, and industrial chemistry. Courses of instruction and opportunities for research leading to advanced degrees are offered, and the equipment is adequate and up-to-date. The department has the usual equipment for research; special equipment for low temperature investigations, micro-analytical work, fuel and oil research, and for investigations in various fields of chemical engineering. It possesses a liquid air machine, special cryostats, Pulfrich refractometers, Abbé and dipping refractometers, polariscopes, and special instruments of many kinds that are essential for research in the fields of physical and organic chemistry. A shop in charge of a competent mechanic is provided for the repair of old apparatus and for the construction and erection of new and special apparatus.

The departmental library is in a well lighted and conveniently arranged room in the Chemistry Building, and is under the supervision of a librarian. It contains more than five thousand volumes devoted to the various fields of pure and applied chemistry. It includes complete files of all the important chemical journals published in all languages except Russian and Japanese from 1789 to the present time, and all of the important handbooks, monographs, special treatises, encyclopedias, and dictionaries that are useful in the study of chemistry and in chemical research. Besides, the main library and the libraries of the departments of Physics, Botany, and Zoology are conveniently located near the Chemistry Building.

Requirements for Graduate Study

Prerequisite Courses.—At least four courses in chemistry, two of which must be advanced, are required for the Bachelor of Arts degree. Three of these courses are prescribed: Chemistry 1 (General Chemistry), 2 (Quantitative Chemical Analysis and Its Theory), and 411 (Organic Chemistry). Chemistry 450 (Physical Chemistry) is recommended though not required as the fourth course; however, it is prerequisite to all G courses except Chemistry 21. If Chemistry

450 is not presented as the fourth course, one full course selected from the "A" courses listed below may be substituted for it.

M.A. Degree Requirements.—Candidates for the degree of Master of Arts with the major subject in chemistry will be required to offer as preliminary to their graduate work Chemistry 1, 2, and 411, or their equivalent, and another advanced course in chemistry; and must take three advanced courses (including the thesis) in chemistry, to be selected after consultation with one or more of the professors of chemistry. The minor subject or subjects should be chosen from advanced courses in physics, botany, geology, zoology, or mathematics.

M.S. in Ch.E. Degree Requirements.—Consult one or more of the professors of Chemistry.

Ph.D. Degree Requirements.—Students who desire to prepare themselves to become candidates for the degree of Doctor of Philosophy with the major subject in chemistry, will be expected to have a reading knowledge of French and German, and must give evidence that they have a satisfactory knowledge of introductory inorganic qualitative and quantitative analysis, organic chemistry, elementary physical chemistry, and a familiarity with laboratory methods, before they will be permitted to undertake the more advanced courses. Ordinarily, the preliminary preparation will be equivalent to the maximum number of courses in chemistry that may be taken as a major for the B.A. degree. The graduate work will require a minimum period of three years, ten-fifteenths of which must be devoted to the major, three-fifteenths to the first minor (which may also be taken in one of the fields of chemistry), and two-fifteenths to the second minor. The second minor must be taken outside the Department of Chemistry.

Only one deposit will be required of students who are taking more than one course in chemistry, provided that in their laboratory work only one desk is used.

For Undergraduates and Graduates

The following courses are not open to students who have completed less than two full courses in chemistry. All students are advised to take Chemistry 113 in connection with any of the following courses, unless they have had the equivalent of this course elsewhere.

104w. A. Assaying.—Fire assays of ores and metallurgic products. Prerequisite: Chemistry 2. One lecture and eight laboratory hours. Laboratory fee, \$13. Laboratory hours: F 8–12, 2–6. Professor HARPER.

109f. A. Technical Analysis.—Prerequisite: Chemistry 2. Nine laboratory hours. Laboratory fee, \$3.75; deposit, \$6. Professor HARPER.

110w. A. *Technical Analysis*. Prerequisite: Chemistry 109 or 116. Nine laboratory hours. Laboratory fee, \$2.75; deposit, \$6. Professor HARPER.

112f, 112w, 112s, or 212. A. *Organic Preparations*.—Open to students who have taken the fall term of Chemistry 411. Nine laboratory hours a week for one or two terms. Laboratory fee for 112, \$3.75; for 212, \$7.50; deposit, \$6 for 112 or 212. Professor BAILEY.

113s. A. *Advanced Qualitative Analysis*.—Nine hours a week, two three-hour periods of which must be Th, F, or S 2-5. Laboratory fee, \$3.75; deposit, \$6. Professor SCHOCH.

114, 114f, 114w, 114s. A. *Inorganic Preparations*.—Designed to accompany Chemistry 450 or 401. Nine laboratory hours a week for one term, or three hours a week throughout a Long Session. Laboratory fee, \$3.75; deposit, \$6. Professor SCHOCH.

115, 115f, 115w, 115s. A. *Inorganic Preparations*.—A continuation of Chemistry 114. Nine laboratory hours a week for one term, or three hours a week throughout a Long Session. Laboratory fee, \$3.75; deposit, \$6. Professor SCHOCH.

116, 116f, 116w. A. *Quantitative Analysis*.—Wet methods, analysis of coal, iron ores, slags, fluxes, copper, lead, and zinc ores, etc. Prerequisite: Chemistry 2. Three laboratory hours throughout the session, or nine hours throughout the fall or winter term. Laboratory fee, \$3.75; deposit, \$6. Professor HARPER.

(NOTE.—An additional one-third course in quantitative analysis, an extension of Chemistry 116, will be given to students who desire further work.)

126. A. *Electro-Analysis*.—Reading and laboratory practice may be taken in connection with Chemistry 450. Laboratory fee, \$3.75; deposit, \$6. Professor SCHOCH.

411. A. *Organic Chemistry*.—Students of at least junior standing who have completed Chemistry 1 with a grade not lower than C may take Chemistry 411 at the same time that they are taking Chemistry 2, but credit will not be given for Chemistry 411 until Chemistry 2 has been completed. Three lectures and three laboratory hours. Laboratory fee, \$3.75; deposit, \$6. MWF 12. Professor BAILEY.

151f. S. *Introduction to Physical Chemistry*.—Identical as to subject matter with the fall term of Chemistry 450. Open only to pre-medical students who have had Chemistry 411. Laboratory fee, \$1.25; deposit, \$6. For hours, see Chemistry 450. Professor SCHOCH.

401. S. *Chemical Engineering*.—Presents the designing, erecting, and operating of gas plants, water softening apparatus, oil refineries, lime, brick, and tile plants, etc. Prerequisite: Chemistry 1, 2, 411, and 450. The last may be taken in parallel. Two lectures and six laboratory hours. Laboratory fee, \$3.75; deposit, \$6. WF 11. Laboratory hours: TT 2-5. Professor SCHOCH.

450. *S. Physical Chemistry*.—Fundamental course for all students majoring in chemistry. Prerequisite: Chemistry 2, Physics 1, Chemistry 411, and Pure Mathematics 3 (or Applied Mathematics 3), the latter two of which may be taken in parallel; or Chemistry 1 and a senior course in physics, the latter of which may be taken in parallel. Two lectures and three laboratory hours. Laboratory fee, \$3.75; deposit, \$6; TT 11. Professor SCHOCH.

For Graduates

The following courses, except 21, are open only to students who have completed Chemistry 1, 2, 411, and 450, or their equivalent; except that Chemistry 450 may be taken in parallel with these courses and may be counted toward the Master of Arts degree. Chemistry 21 is open to students who have completed Chemistry 1, 2, and 411, or their equivalent, and who have done advanced work in animal or plant biology.

German A is prerequisite to all of the following courses except 30; German A may, under special conditions, be taken parallel.

18. *G. Physiological Chemistry*.—For graduate students who contemplate the study of medicine. Advanced reading and discussion of the chemistry of physiological and pathological topics, and research work in the laboratory. Offered alternately with Chemistry 21. Deposit, \$6. Professor HARPER.

19. *G. Advanced Organic Chemistry*.—Supplementary to Chemistry 411; designed for students who intend to specialize in organic chemistry. Advanced reading along special lines and research work in the laboratory. Deposit, \$6. Professor BAILEY; Adjunct Professor LOCHTE.

20. *G. Advanced Physical Chemistry*.—Two lectures and three laboratory hours. The laboratory work consists of an experimental problem (or problems) assignment. Deposit, \$6. MW 12. Professor FELSING.

21. *G. Biochemistry*.—Biochemical research. Deposit, \$6. Professor HARPER.

29. *G. Physico-Chemical Research*. — Deposit, \$6; Professor SCHOCH or Professor FELSING.

30. *G. Analytical-Chemistry*.—Research. Deposit, \$6. Professor HARPER.

31. *G. Organic Chemistry*.—Research. Deposit, \$6. Professor BAILEY.

60, 61, 62. *G. Advanced Chemical Engineering and Research*.—Special topics; at present this work is confined to problems in the natural gas and petroleum industries. Deposit, \$6. W 11. Professor SCHOCH.

122. *G. Seminar in Chemistry*.

DEPARTMENT OF CLASSICAL LANGUAGES

WILLIAM JAMES BATTLE, PH.D., D.C.L., *Professor of Classical Languages.*

DANIEL ALLEN PENICK, PH.D., *Professor of Classical Languages.*

ROBERTA FRANCES LAVENDER, M.A., *Adjunct Professor of Classical Languages.*

RUBY ROCHELLE TERRILL, M.A., *Associate Professor of Classical Languages; Dean of Women.*

HARRY JOSIAH LEON, M.A., *Adjunct Professor of Classical Languages.*

DONALD CAMERON, PH.D., *Professor of Latin, Boston University, Lecturer in Classical Languages (Summer Session, 1926).*

EUGENE OSBORNE TANNER, M.A., *Professor of Latin, Southwest Texas State Teachers College, Lecturer in Classical Languages (Summer Session, 1926).*

Facilities for Graduate Study

The department's facilities for graduate work lie primarily in books. Its collection of books includes texts of practically all Latin and Greek outlines, most of the leading commentaries and special books, the important lexicons and dictionaries of various sorts, and complete sets of nearly all the important journals and series, both American and foreign. The staff also offer their private libraries freely for student use.

Besides books, the department has a good supply of material illustrative of classical literature and art. The collections of casts and lantern slides in ancient art and Roman antiquities are exceptionally large and carefully selected.

Requirements for Graduate Study

Prerequisite Courses.—Students who expect to do work for the degree of Master of Arts with a major in the Department of Classical Languages should note the following sequence of courses:

Latin 1 (Freshman Reading) accompanied by Latin 102 (Freshman Writing); Latin 3 (Sophomore Reading) preferably accompanied by Latin 104 (Sophomore Writing); Latin 5 (Junior Reading) preferably accompanied by Latin 106 (Junior Writing); Latin 8 (Senior Reading). Latin 109 (Senior Writing) is a useful parallel to Latin 8.

In Greek, if the student has had no Greek in high school, the first undergraduate course is Greek 21 (Beginners' Greek). After Greek 21 the classical sequence is Greek 22 (Xenophon and Homer) preferably accompanied by Greek 123 (Elementary Writing), Greek

24 (Prose and Poetry), Greek 25 (Drama), and Greek 26 (Thucydides and Plato).

After Greek 21 there is offered a sequence for theological students: Greek 29 (Elementary New Testament) and Greek 28 (Advanced New Testament).

With Greek as a major for the degree of Bachelor of Arts at least Latin 1 (Freshman Reading) with Latin 102 (Freshman Writing) and Latin 3 (Sophomore Reading) must be taken as a minor.

M.A. Degree Requirements.—For the degree of Master of Arts with a major in Latin, the equivalent of three S or G courses in Latin is required. These must include Latin 13 (Conference course), a thesis of the value of one course, and one other course. As the content of Latin 8 (Senior Reading), and Latin 13 (Conference course), varies from year to year, these courses may be taken and counted more than once. The third Latin course may, therefore, be either Latin 8 or Latin 13 taken a second time.

As first minor to a degree of Master of Arts with a major in Latin, Greek 24, or Greek 25, or Greek 26 is recommended in the classical group, and Greek 28 or Greek 31 in New Testament Greek. Minors in other subjects are accepted, preferably if the candidate expects to be a teacher in English, Modern Languages, history, or education.

A candidate for the Master of Arts degree with a major in Greek must present the equivalent of three S or G courses in Greek. These must include Greek 25 (or 26) or Greek 31 (or 36), a thesis of the value of one course, and one other S or G course. If Latin is chosen as a minor, Latin 5 or Latin 8 or Latin 13 may be taken.

Ph.D. Degree Requirements.—For the degree of Doctor of Philosophy with the major in Latin, the course requirements are Latin 8 and Latin 13, Greek 25 and Greek 26 and enough other S and G courses in Latin, Greek, and one other subject (if the candidate wishes a second minor) to satisfy the general course requirements of the catalogue.

The details of the thesis requirement and the special examinations are worked out for each candidate separately. In general, each candidate is expected to pass written examinations on one Latin and one Greek author and on a special field acceptable to the department and to take an oral examination covering classical philology in general.

The ability to read readily both French and German is imperative and is tested by examinations.

For the degree of Doctor of Philosophy with the major in Greek, the course requirements are Greek 25 (or 31) and enough other S and G courses in Greek, Latin, and one other subject to satisfy the general course requirements of the catalogue. The details of the thesis requirements and the special examinations are worked out with each

candidate separately. In general they are similar to those laid down for candidates whose major is in Latin.

GREEK

Preliminary Courses for Undergraduates

21. *F. Beginners' Class.*—Greek 21 meets five times a week, three times for recitation, twice for practice, the student being expected to devote four instead of six hours a week to preparation, so that time demands are the same as for a regular three-hour course. Greek 21 and 199 may not both be counted for credit.

199s. *F. The Greek Element in the English Language.*—Intended for students who have had no Greek, but who wish to know something of the very large Greek element in English. Only so much of forms is studied as is essential to the reading of the simplest prose. Greek 21 and 199 may not both be counted for credit.

[521. *F. Beginners' Class.*—(Omitted in 1926–1927; replaced by Greek 21.)]

22. *I. Xenophon and Homer.*—Fall, Xenophon's *Anabasis* or *Hellenica*; winter and spring, selections from the *Iliad*, with Jebb's *Introduction to Homer*. Prerequisite: Greek 21.

29. *I. Elementary New Testament Greek.*—The four gospels; the history of the New Testament canon; Burton's *Moods and Tenses*. Prerequisite: Greek 21.

105. *I. The History of Greek Art.*—Antecedent art of Egypt, Assyria, and the Ægean Basin; the development of Greek art and its meaning for us. Illustrated by books, lantern slides, and casts. Two periods a week with one hour of preparation. No knowledge of Greek is required. Prerequisite: Sophomore standing.

123. *I. Greek Composition.*—Writing of sentences and, later, connected narrative; lectures on the construction and idiom of Attic prose. Recommended in connection with Greek 22. Prerequisite: Greek 21.

For Undergraduates and Graduates

24. *A. Introduction to the Orators.*—Selected orations of Lysias; Plato's *Apology*; Demosthenes' *Philippics*; Allinson's *Greek Prose Composition*. Prerequisite: Greek 22. MWF 10. Professor BATTLE.

28. *A. Second-Year New Testament Greek.*—The Acts of the Apostles and Paul's *Epistles*; Burton's *Moods and Tenses*; critical exegesis. Prerequisite: Greek 27 or 29. Professor PENICK.

40. *A. Greek Poetry in English Translation.*—TTS 12. Professor PENICK.

25. *S. Lyric and Dramatic Poetry.* Selections from the lyric poets; Æschylus' *Prometheus Bound*; Sophocles' *Ædipus Tyrannus*;

Euripides' *Medea*; Aristophanes' *Acharnians*; Jevons' *History of Greek Literature*. Prerequisite: Greek 24. MWF 11. Professor BATTLE.

26. S. *Thucydides and Plato*.—Thucydides' *Sicilian Expedition*; Plato's *Gorgias* and *Protagoras*; Jevons' *History of Greek Literature*. Prerequisite: Greek 24. MWF 11. Professor BATTLE. (Greek 25 and 26 are not given in the same year.)

31. S. *Advanced New Testament Greek*.—Study of Hellenistic Greek in general, with special reference to its historic development, the place of New Testament Greek in this development, and its relation to Attic Greek. A comparative study of *Luke* and *Acts*, or a study of the *Epistle to the Hebrews* in comparison with the *Epistles* of Paul. Prerequisite: Greek 24 or 21 and 28. Professor PENICK.

36. S. *Hellenistic Greek*.—Reading from the Septuagint, the Christian Fathers, and the Greek papyri recently discovered. Comparison with New Testament Greek and Homeric and Attic Greek. Textual criticism. Prerequisite: Greek 24 or 21 and 28. Professor PENICK. (Greek 31 and 36 are not given in the same year.)

For Graduates

32. G. *Homer*.—Reading of the whole *Iliad* or *Odyssey*, with the discussion of various questions of Homeric criticism; Monro's *Homeric Grammar*. Prerequisite: Greek 25 and 26. Professor BATTLE.

33. G. *The Drama of Athens*.—A more thorough study of the drama than can be made in Greek 25. Prerequisite: Greek 25 and 26. Professor BATTLE. (Greek 32 and 33 are not given in the same year.)

LATIN

Preliminary Courses for Undergraduates

A. F. *Beginners' Latin*.—Conducted in part by the direct method; attention to word-formation and the fundamentals of syntax, followed by easy reading. Students of law and science will find the course especially adapted to their needs. Latin A meets five times a week, three times for recitation, twice for practice, the student being expected to devote four instead of six hours a week to preparation, so that the time demands are the same as for a regular three-hour course.

B. F. *Reading and Composition*.—Caesar, Cicero, and Virgil, selected according to the needs of the students. Like Latin A, Latin B meets five times a week, three times for recitation, twice for practice, with four hours' preparation, so that the time demands are the same as for a regular three-hour course.

1. *F. Freshman Reading.*—Selections from Cicero and Virgil; grammar; informal instruction in mythology and antiquities. Section 2, TTS 11; Section 4, TTS 11; Section 6, TTS 11. Section 4 is advanced, for those who present four admission units in Latin. All students in Latin 1 should take also Latin 102, Latin Composition.

102. *F. Freshman Writing Course.*—Strongly recommended for all students of Latin 1 and highly desirable for adequate preparation for Latin 3.

3. *I. Sophomore Reading.*—Terence, Livy, Horace, and Catullus. Prerequisite: Latin 1; Latin 102 strongly advised.

104. *I. Sophomore Writing Course.*—The Latin paragraph; the periodic style; parallel grammar studies. Prerequisite: Latin 1 and 102.

For Undergraduates and Graduates

5. *A. Junior Reading.*—The authors vary from year to year. Prerequisite: Latin 3; Latin 104 strongly advised. MWF 9. Associate Professor TERRILL.

106. *A. Junior Writing Course.*—The Latin paragraph. Prerequisite: Latin 104. Recommended with Latin 5. F 3. Adjunct Professor LEON.

8. *S. Senior Reading.*—Advanced prose and poetry. The authors vary. Prerequisite: Latin 5. MWF 11. Adjunct Professor LEON.

109. *S. Senior Writing Course.*—An extension of Latin 106. Recommended with Latin 8. F 3. Adjunct Professor LEON.

Education 125w. A. Teachers' Course in Latin.—For description, see Education 125w, Department of the Art of Teaching in the School of Education.

For Graduates

13. *G. Conference Course.*—The author varies. For 1926-1927: Virgil. Prerequisite: Latin 8, and preferably Latin 109. TTS 9. Professor BATTLE.

DEPARTMENT OF ECONOMICS AND SOCIOLOGY

EDMUND THORNTON MILLER, PH.D., *Professor of Economics.*

MAX SYLVIVS HANDMAN, PH.D., *Professor of Economics.*

WALTER MARSHALL WILLIAM SPLAWN, PH.D., LL.D., *President; Professor of Economics.*

GEORGE WARD STOCKING, PH.D., *Associate Professor of Economics.*

*WARNER ENSIGN GETTYS, PH.D., *Associate Professor of Sociology.*

CLARENCE ALTON WILEY, M.A., *Adjunct Professor of Economics.*

*Appointment effective September 15, 1926.

EDWARD EVERETT HALE, M.A., *Adjunct Professor of Economics.*

ROBERT HARGROVE MONTGOMERY, M.A., *Adjunct Professor of Economics.*

JAMES BUCHANAN TRANT, PH.D., *Adjunct Professor of Economics.*

CARL MARTIN ROSENQUIST, M.A., *Instructor in Sociology.*

RUTH ALICE ALLEN, M.A., *Instructor in Economics.*

ALBERT BENEDICT WOLFE, PH.D., *Professor of Economics, Ohio State University, Lecturer in Sociology (Summer Session, 1926).*

MAURICE HENRY ROBINSON, PH.D., *Professor of Economics, University of Illinois, Lecturer in Economics (Summer Session, 1926).*

NATHAN AUSTIN WESTON, PH.D., *Professor of Economics, University of Illinois, Lecturer in Economics (Summer Session, 1926).*

Facilities for Graduate Study

The Department of Economics and Sociology offers at present major and minor work for the degree of Master of Arts in economics and sociology, and minor work for the degree of Doctor of Philosophy. It is expected that the department will offer major work for the doctor's degree in the near future.

The University Library is adequately equipped for research in all of the important divisions of the subject, and the State Library, as well as the work and records of the state departments, afford unusual facilities for research work.

Requirements for Graduate Study

Prerequisite Courses.—Economics 1, or its equivalent, and one full advanced course in economics are prerequisites to major work in economics for the Master's degree; Economics 1 and Sociology 25 are prerequisite to major work in sociology for the Master's degree. The department reserves the right to examine the candidate on the prerequisites to the major subject before he is accepted for candidacy for the degree. This examination may be either written or oral, at the discretion of the department. This requirement will be considered satisfied in the case of students who have passed the examination in the major subject of economics for the bachelor's degree from the University of Texas.

M.A. Degree Requirements.—Students majoring in economics should select courses in economics, and those majoring in sociology should select courses in sociology. As the selection should be made with the advice of the department, the student is expected to confer with the chairman of the department, who will either advise him or direct him to a member of the department.

Those who expect to go into collegiate teaching or to go on to the doctor's degree in either economics or sociology are advised to take Business Administration 229 and Economics 18, 5, and 19.

Preliminary Courses for Undergraduates

1. *I. Introduction to Economics.*—Description of the mechanism of production, distribution, and exchange; analysis of problems arising in modern economic society, and the presentation of rational bases for solution. Designed both to lay the foundation for further work in economics and to prepare the student for business and for citizenship; considerable attention to such topics as prices, money, banking, foreign exchange, the tariff, the corporate organization of industry, monopoly, speculation, crises, labor unions, coöperation, railways, socialism, and taxation. Prerequisite: Sophomore standing.

ECONOMICS

For Undergraduates and Graduates

3. *A. Economic and Financial History of the United States.*—A survey of national development from colonial times to the present in agriculture, industry, commerce, transportation, and labor. The financial policy of the National Government will be studied with especial emphasis on the Revolution, the Civil War, and recent periods. Prerequisite: Economics 1. TTS 8. Adjunct Professor MONTGOMERY.

12. *A. Money, Banking, and Business Cycles.*—Study of the principles of money and banking, the existing monetary and banking systems of the United States and foreign countries, and business cycles. History of the precious metals, bimetalism, credit, relation of money and credit to prices, fiat money, national and state banking systems, central banks, and principles of foreign exchange. Prerequisite: Economics 1. MWF 10. Professor MILLER.

14. *A. American Labor Movement and Labor Problems.*—Genesis, growth, and development of the American labor movement; trade union structure and government, philosophy, policies, activities and methods; the conflict with capital, strikes, lockouts, arbitration, and conciliation; labor legislation; labor and the courts; social insurance; unemployment; recent tendencies in the labor movement. Prerequisite: Economics 1. TTS 10. Associate Professor STOCKING.

36. *A. Agricultural Economics.*—A study of the development of the economic problems of a specialized agriculture; relation of agriculture to the general welfare; problems of production, prices and the standard of living; measures for agricultural relief, including the development of coöperative marketing; and general problems and policies in land utilization. Prerequisite: Economics 1. MWF 8. Adjunct Professor WILEY.

102f. A. Corporation Finance.—Development of corporate form of business; advantages and disadvantages; legal position of the corporation; promotion; sources of capital; internal financial management; receivership and reorganization. Section 1 (for students registered in the College of Arts), TTS 12; Section 2 (for students registered in the School of Business Administration), MWF 12. Prerequisite: Economics 1. Adjunct Professor MONTGOMERY.

102w. A. Corporation Finance.—Repetition of Economics 102f. TTS 12. Prerequisite: Economics 1. Adjunct Professor MONTGOMERY.

102s. A. Corporation Finance.—Repetition of Economics 102f. TTS 12. Prerequisite: Economics 1. Adjunct Professor MONTGOMERY.

103s. A. Economic Status of Women.—Short historical survey of women's place in industrial life. Changes brought about by the industrial revolution and the problems which have arisen therefrom. Prerequisite: Economics 1. TTS 11. Instructor ALLEN.

134s. A. The Standard of Living.—The rise of the middle class and the pecuniary standard of living, and its effect upon the working population. Prerequisite: Economics 1. TTS 9. Professor HANDMAN.

204fw. A. Foreign Labor Movement.—A study of recent labor developments in England and on the Continent. Prerequisite: Economics 1. TTS 11. Adjunct Professor HALE.

210fw. Outlines of Economic History of Europe.—Evolution of industrial society traced through its various stages from simplest forms to complex life of modern industrial states. Development of organization of agriculture, industrial revolution, and growth of capitalism. Prerequisite: Economics 1. TTS 9. Professor HANDMAN.

253fw. A. Transportation.—Development of transportation facilities; financing railroad companies; ratemaking in theory and practice; service; railroad consolidation; rivalry of ports; canals, inland waterways; coastwise shipping; merchant marine; government regulation. Prerequisite: Economics 1. MWF 9. Professor SPLAWN; Instructor McDUGALL.

5. S. Economic Thought before Adam Smith.—The economic theories implied in Roman Law and the Barbarian codes. The Canonists and the theories involved in the economic practice during the Middle Ages. The appearance of a unified political economy in mercantilism and physiocracy, ending with the beginnings of an economic theory in Adam Smith. Prerequisite: Economics 1 and one full advanced course in economics. MWF 9. Professor HANDMAN.

11. S. Public Finance.—Public expenditures, revenues, debts, and financial administration, with particular attention to taxation; theoretical principles of public finance and existing practices in the United States and leading European countries; history of expenditures, revenues, and debt of the State of Texas. (May be counted as a course in government when preceded by Government 1.) Pre-

requisite: Economics 1 and one full advanced course in economics. TTS 10. Professor MILLER.

18. *S. Value and Distribution.*—Brief analysis of the actual present distribution of wealth, followed by a critical examination of the more important modern economic theories of distribution, both individualistic and socialistic. Prerequisite: Economics 1 and one full advanced course in economics. MWF 11. Adjunct Professor HALE.

[19. *S. Economic Statistics.*—Sources and collection of data, problems of accuracy and error, means of correlation and interpretation, index number, curves, etc., applied to actual economic problems; labor; wages and prices. Prerequisite: Economics 1, and one full advanced course in economics. TT 2-4. Adjunct Professor WILEY. (Given in alternate years; omitted in 1926-1927.)]

117s. *S. Modern Economic Reform.*—A critical analysis of the proposed major reforms of the existing economic organization of society. Socialism, communism, anarchism, and other far-reaching radical proposals are considered. Prerequisite: Economics 1 and one full advanced course in economics. TTS 11. Adjunct Professor HALE.

137s. *S. Agricultural Coöperation.*—With special reference to coöperative marketing; its principles, limitation, and possibilities; special study is given to organization, methods and policies of the outstanding commodity organizations, and to the present status of the movement in Texas. Prerequisite: Economics 1 and one full advanced course in economics. MWF 12. Adjunct Professor WILEY.

139f. *S. International Economic Policies.*—A study of the international aspects of the economic and commercial policies of nations, with especial reference to the United States; the theory of international trade, protection and free trade controversy, commercial treaties, national control of raw materials, economic aspects of the Versailles Treaty and interallied debts. Prerequisite: Economics 1 and one full advanced course in economics. MWF 11. Associate Professor STOCKING.

145s. *S. Public Utilities.*—Demand for services of public utility companies; development of such companies; problems of financing; problems of management; problems of control; regulation of service; rate fixing; valuation. Prerequisite: Economics 1 and one full advanced course in economics. MWF 9. Professor SPLAWN; Instructor McDOUGALL.

213ws. *S. Trust and Combination Movement.*—A discussion of the conditions which have given rise to the development of combinations and monopolies in American industrial society; the cause for their formation, sources of their power and elements of weakness; social and economic advantages and disadvantages; development of anti-trust legislation, its application and effects; recent tendencies. Pre-

requisite: Economics 1 and one full advanced course in economics. MWF 11. Associate Professor STOCKING.

248fw. *S. Land Problems.*—A course dealing with the settlement of the national domain; the emergence of land problems; programs for land reform; the land question in foreign countries; present utilization of land; and policies suggested in regard to the future classification and utilization of land. Prerequisite: Economics 1 and one full advanced course in economics. MWF 12. Adjunct Professor WILEY.

For Graduates

50. *G. Research.*—Candidates for the degree of Master of Arts with economics as the major subject should register for this course. Credit given on the basis of the work done in the preparation of thesis. Prerequisite: Two courses in economics. Professors MILLER, HANDMAN, SPLAWN; Associate Professor STOCKING; Adjunct Professors HALE, WILEY, MONTGOMERY.

[52. *G. Problems in Transportation.*—Each year a problem will be selected. Prerequisite: Graduate standing; Economics 102, 253, and at least one other advanced course in economics. Professor SPLAWN. (Not given in 1926–1927.)]

SOCIOLOGY

For Undergraduates and Graduates

25. *A. Introduction to the Study of Society.*—Human nature; society and the group; the nature and effects of communication; social forces; competition and the location of the individual in the community; conflict; social control; collective behavior; social progress. Prerequisite: Economics 1. Section 1, MWF 11; Section 2, TTS 8; Section 3, TTS 12. Associate Professor GETTYS; Instructor ROSENQUIST.

46. *A. The Community: A Study of Rural and Urban Problems.*—Methods of studying the community; social anatomy; a comparative study of communities; analysis of the underlying forces of the social processes which make for natural groups and institutions to meet industrial, leisure-time, religious, educational, governmental, and social needs; disorganization and reorganization in modern communities; community culture. Prerequisite: Economics 1 and Sociology 25, the latter of which may be taken in parallel. MWF 8. Associate Professor GETTYS.

47. *A. Social Pathology.*—Physical and mental defectiveness considered from sociological viewpoint; defects in social organization; poverty and dependency; pathology of personality; crime and delinquency. Prerequisite: Economics 1 and Sociology 25, the latter of which may be taken in parallel. MWF 9. Instructor ROSENQUIST.

154f. *S. Social Attitudes*.—A study of attitudes as the social products of interaction, as the organization of the wishes, as behavior patterns, as social elements, and as social forces; complexes of attitudes; typical attitudes, as familism, race prejudice, individualism, etc. Prerequisite: Sociology 25. MWF 10. Associate Professor GETTYS.

155w. *S. Social Movements*.—Collective behavior; natural history of labor; feminist, prohibition, country-life, farmer, nationalistic, peace, religious, reform and other movements; classification of typical movements and the underlying laws of their development; function of social movements with reference to social change. Prerequisite: Sociology 25. MWF 10. Associate Professor GETTYS.

156s. *S. Social Control*.—Elementary forms of control; evolution of various types; modern problems of social control. Prerequisite: Sociology 25. MWF 10. Associate Professor GETTYS.

For Graduates

27. *G. Research*.—Candidates for the Master of Arts degree with sociology as the major subject should register for this course. Credit given on the basis of the work done in the preparation of thesis. Prerequisite: Sociology 25 and one other course in sociology. Associate Professor GETTYS.

DEPARTMENT OF ENGLISH

MORGAN CALLAWAY, JR., PH.D., LL.D., *Professor of English*.

KILLIS CAMPBELL, PH.D., *Professor of English*.

REGINALD HARVEY GRIFFITH, PH.D., LITT.D., *Professor of English*;
Curator of the Wrenn Library.

ROBERT ADGER LAW, PH.D., *Professor of English*.

LEONIDAS WARREN PAYNE, JR., PH.D., *Professor of English*.

HANSON TUFTS PARLIN, PH.D., *Professor of English*; *Junior Dean of the College of Arts and Sciences*.

JAMES BLANTON WHAREY, PH.D., *Professor of English*.

ERNEST HENRY CLARK OLIPHANT, M.A., *Professor of English* (Fall Term, 1926-1927).

EVERT MORDECAI CLARK, PH.D., *Associate Professor of English*.

*DELMAR GROSS COOKE, PH.D., *Associate Professor of English*.

LLOYD LORING CLICK, PH.D., *Associate Professor of English*.

JAMES FRANK DOBIE, M.A., *Associate Professor of English*.

HERMAN STYLES FICKE, PH.D., *Associate Professor of English*.

CLARK HARRIS SLOVER, PH.D., *Associate Professor of English*.

DAVID LEE CLARK, PH.D., *Adjunct Professor of English*.

*Absent on leave for the session of 1926-1927.

FRANK FREDERICK COVINGTON, JR., PH.D., *Adjunct Professor of English.*

THOMAS PERRIN HARRISON, JR., PH.D., *Adjunct Professor of English.*

DEWITT TALMAGE STARNES, PH.D., *Adjunct Professor of English.*

ERMA MAY GILL, M.A., *Instructor in English.*

CHARLES FREDERICK TUCKER BROOKE, M.A., B.LITT., *Professor of English, Yale University, Lecturer in English (Summer, 1926).*

HARRY STUART VEDDER JONES, PH.D., *Associate Professor of English, University of Illinois, Lecturer in English (Summer, 1926).*

WILLIAM OBER RAYMOND, PH.D., *Assistant Professor of English, University of Michigan, Lecturer in English (Summer, 1926).*

GEORGE SHERBURN, PH.D., *Professor of English, University of Chicago, Lecturer in English (Summer, 1926).*

Facilities for Graduate Study

The Department of English offers graduate courses in various fields of study, from Anglo-Saxon to modern times, including both linguistics and literature. The study of the history of the language is stressed as having an important bearing on modern grammar and modern syntax. Courses are offered covering the field of Old English, including *Beowulf*; Middle English, including Chaucer; Elizabethan literature, including Shakespeare and the minor dramatists, Spenser and other poets; the Restoration Period; the eighteenth century, both prose and verse; the Romantic Movement; the Victorian poets, novelists, and essayists; American poetry and prose; contemporary poets, novelists, and essayists; the development of the novel; the writing of the essay and the short story; and bibliography and literary methods.

The University of Texas can offer graduate students in English unusual library facilities. It now has about 28,000 volumes, primarily for the study of English and American literature, 10,000 of which are original editions, while the rest are mainly modern annotated editions of famous works; works about authors, literary theories, and literary history; histories of the language; scholarly monographs; and journals devoted to the study of English and related subjects.

The resources of the English Department have been greatly augmented during recent years by the purchase of special libraries. In 1917 the Wrenn Library was added; in 1921, the Aitken collection of English literature; and in 1923, the Bieber collection of American literature.

Requirements for Graduate Study

Prerequisite Courses.—For the degree of Bachelor of Arts, with English as a major three advanced courses in English are required in addition to the two courses (English 1 and either English 2 or English 3), which are required of all candidates for the B.A.

English 1 is prerequisite to all other courses in English except English 132ws; English 2, to all other courses in English literature except English 132ws; and English 4, to the higher courses in the English language.

The completion of two advanced courses in English is prerequisite to major work in that department. Students expecting to do advanced work in English are advised to take courses in the ancient languages, in German, in history, and in philosophy.

M.A. Degree Requirements.—If the student who is a candidate for the Master's degree with English as his major has not credit for English 4 or its equivalent, he will be required to take this as one of the English courses for the degree. The required thesis course is English 20.

Ph.D. Degree Requirements.—In addition to the general regulations of the University of Texas for the Doctor of Philosophy degree, the Department of English has adopted the following special regulations:

1. That for the present the minor or minors may be chosen from the following departments: Germanic Languages, Romance Languages, Classical Languages, Philosophy, and History. In each case, however, the choice of minors must be approved by the Department of English and by the Dean of the Graduate School.

2. That for the major subject (English) two-thirds of the graduate work of, roughly speaking, three years, be required, and for the minor subject or subjects one-third of this total be required. It must be understood, however, that the degree is not given as a certificate of faithful work. It is granted only to students giving evidence of high attainments in the special field in which the major work is done. Evidence of such attainments must be given by both examinations and dissertation.

3. That written examinations be required in the major and in the minor subjects; and an oral examination also be required in the major subject (English). In the major subjects the candidate must manifest a general knowledge of the English language and literature (including American literature), and a detailed knowledge of the special field covered by his dissertation, as may be determined by the Department of English in each case.

4. That in each instance the crediting of work done at other institutions must be approved by the Department of English, as well as by the Dean of the Graduate School.

5. That the Department of English believes that for all candidates seeking the Doctorate of Philosophy with English as a major a knowledge of Latin or Greek is desirable; that for some of these candidates such knowledge is imperative. Accordingly, the department reserves the right to prescribe whatever foreign language may be necessary for the successful prosecution of the candidate's chosen work, in addition to the general requirements of a reading knowledge of French and German.

Preliminary Courses for Undergraduates

1. *F. Rhetoric and English Composition.*—Study of the principles of good writing; analysis and discussion of typical prose masterpieces; weekly essays; collateral reading. Prescribed for freshmen. Professor WHAREY has general charge of the course.

2. *I. Outline History of English Literature.*—Survey of English literature from the beginning to the present time. Direct study of masterpieces in prose and poetry, selections from Old English being read in translation. Original essay each term. Prerequisite: English 1. English 2 is prerequisite to all other courses in English literature except 132ws. Associate Professor E. M. CLARK has general charge of the course.

3. *I. English Composition.*—For students who have already acquired a working knowledge of composition and considerable facility in expression, but who wish to do further work in the subject. Prerequisite: English 1. Five sections. Professor WHAREY; Adjunct Professors D. L. CLARK, HARRISON; Instructors FARRIS, GILL.

For Undergraduates and Graduates

125. *A. English Composition.*—Intended for those who have the literary bent or who for any reason wish to do more of writing than is done in the other courses in composition. May be taken a second year for extra credit. Prerequisite: English 3 or English 2, the latter with a grade of A. S 10. Instructor GILL.

241fw. *A. The Short Story.*—The literature and technique of the short story; the rise and nature of its form; an intensive study of its structure together with constructive work in story writing. Prerequisite: English 1 and either 2 or 3. Associate Professors CLICK, DOBIE.

126w. *A. Minor Elizabethan Drama.*—Development of the comedy, the tragedy, and the chronicle history from earlier types of the drama in England. Plays of Marlowe, Greene, and their contemporaries, with some study of the influence of conventional dramatic types on Shakespeare's plays. MWF 11. Professor LAW.

127s. A. *The English Drama from 1600 to 1642*.—The plays of Beaumont and Fletcher, Chapman, Dekker, Ford, Heywood, Jonson, Massinger, Middleton, Shirley, and Webster, related as far as possible to the literary fashions that prevailed at various times during the period. MWF 11. Adjunct Professor COVINGTON.

31. A. *The Drama since 1660 in England and America*.—A study of representative plays of the Restoration Age, of the eighteenth and nineteenth centuries, and of such modern playwrights as Jones, Pinero, Shaw, and Barker in England, and the Mackayes, Fitch, Thomas, Sheldon, and O'Neil in America. MWF 10. Professor GRIFFITH.

205fw. A. *Shakespeare*.—Detailed study of a few plays, followed by the rapid reading of others. Two sections. MWF 12. Professor LAW; Adjunct Professor HARRISON.

106s. A. *Milton*.—Study of the longer poems of Milton, including *Comus*, *Samson Agonistes*, and *Paradise Lost*. MWF 12. Associate Professor E. M. CLARK.

124f. A. *Elizabethan Lyrical Poetry*.—History of English lyrical poetry from Tottel's *Miscellany* to Ben Jonson; special attention paid to the development of the various lyrical types in vogue at different times; collateral reading in the numerous miscellanies of the period. MWF 12. Professor PAYNE.

123w. A. *The English Lyric of the Seventeenth Century*.—History of English lyrical poetry from Ben Jonson to Dryden; study of the lyrical types developed in the seventeenth century; a modern anthology used as a basis of classroom work. MWF 12. Associate Professor E. M. CLARK.

207ws. A. *An Outline History of the English Novel*.—Brief history of the novel from the romance of the sixteenth century through the novel of the eighteenth century, followed by consideration of the several types of fiction down to and including Thomas Hardy, with study of typical works of Jane Austen, Scott, Dickens, Thackeray, George Eliot, Hawthorne, Stevenson, Meredith, and Hardy. MWF 9. Professor WHAREY.

[119f. A. *English Prose of the Augustan Age*.—After surveying rapidly the prose of earlier writers, the class will study that of Defoe, Swift, Addison, and Steele. (Omitted in 1926-1927.)]

209fw. A. *The English Romantic Movement*.—Introductory survey of romantic tendencies in the Ages of Pope and Johnson, and the Pre-Romantic Group in the Age of Burns. Chief poems of Coleridge, Wordsworth, Byron, Shelley, Keats, and some of their contemporaries. TTS 12. Adjunct Professor D. L. CLARK.

22. A. *Victorian Poetry*.—Consideration of works of Tennyson, the Brownings, Arnold, and Swinburne, the most noteworthy minor poets of the period constituting the parallel reading. MWF 10. Professors CALLAWAY, WHAREY.

133w. A. *Early Nineteenth Century Prose*.—The prose of Lamb, Landor, Coleridge, Hazlitt, De Quincey, and their contemporaries. MWF 11. Associate Professor CLICK.

230ws. A. *Victorian Prose*.—Study of Victorian prose, exclusive of the novel; emphasis in first half of course on Macaulay, Carlyle, Ruskin; in second half, on Arnold, Newman, Pater, Stevenson; collateral reading in modern essayists from 1832 to 1900. TTS 10. Associate Professor DOBIE.

35. A. *Contemporary Literature*.—Consideration of literature in English since 1890. Poetry of Meredith, Hardy, Kipling, Bridges, Thompson, Noyes, Masefield, Yeats, E. A. Robinson, Frost, Masters; novels of Hardy, De Morgan, Bennett, Butler, Conrad, Wells, W. H. Hudson, and Edith Wharton; essays of Chesterton, Benson, G. L. Dickinson, Max Beerbohm, and others. Three sections. MWF 9. Professors PAYNE, PARLIN; Adjunct Professor STARNES.

211ws. A. *American Poetry*.—Study of some of our greater poets, including Bryant, Whittier, Emerson, Longfellow, Lowell, Poe, and Lanier, followed by consideration of some of the minor poets of the South. TTS 11. Professor CAMPBELL.

136f. A. *American Prose*.—Study of American prose writers of the nineteenth century, including Irving, Hawthorne, Emerson, Lowell, and Thoreau. Two sections. TTS 11. Professor PAYNE; Associate Professor CLICK.

4. A. *Outline History of the English Language*.—Based primarily upon the reading of selected texts, especially in the earlier periods, and secondarily upon handbooks and informal lectures. Intended (1) for students expecting to become teachers of English, and (2) for others wishing to understand the evolution, not only of our language, but also of our literature. TTS 9. Professor CALLAWAY.

250ws. A. *Masterpieces of Literature*.—A survey of some outstanding monuments of world literature, with an attempt to characterize the succession of movements that produced them. MWF 10. Associate Professor SLOVER.

51. A. *Tragedy*.—The development of tragedy. Selected works from the following: (1) Aeschylus, Sophocles, Euripides, Seneca; (2) Elizabethan drama, Spanish drama, French neo-classic tragedy, and the romantic schools in Germany and France; (3) modern tragedy. TTS 11. Associate Professor SLOVER.

152f. A. *Classic Myths in English Literature*.—Study of certain myths of Greece and Rome and others of northern Europe, together with their influence on English literature. TTS 10. Associate Professor FICKE.

253ws. A. *The Epic*.—Development of the epic in classical, medieval, and modern European literature. TTS 10. Associate Professor FICKE.

105s. *S. Shakespeare*.—Detailed study of three or four of the latest plays. Prerequisite: One full advanced course in English literature, including English 205fw. MWF 12. Professor LAW.

108s. *S. The Poetry of the English Classical Period*.—Detailed study of poems of Dryden and Pope and literary theory and later influence of these writers, the more important contemporary poets furnishing material for parallel reading. Prerequisite: One full advanced course in English literature. TTS 12. Professor GRIFFITH.

117f. *S. The Beginning of the English Drama*.—Evolution of the English drama through the miracle-play, the morality, the interlude, and the chronicle history, to the establishment of the regular drama. Prerequisite: One full advanced course in English. MWF 11. Professor CALLAWAY.

128s. *S. Spenser*.—Study of *The Shepheardes Calendar*, the hymns to love and beauty, the *Amoretti*, the wedding songs, and selected portions of *The Faerie Queene*. Prerequisite: One full advanced course in English. TTS 10. Adjunct Professor COVINGTON.

154f. *S. Modern European Drama*.—Development of the prose drama in the British Isles and in other European countries during the past fifty years, with special stress on plays of modern spirit and modern technique. Prerequisite: One advanced course in English or in Comparative Literature, preferably in the drama. MWF 10. Professor OLIPHANT.

For Graduates

[14. *G. Old English*.—Bright's *Anglo-Saxon Reader*; selected poems; Sievers-Cook's *Old English Grammar*. Intended for students who, having taken English 4 or its equivalent, desire to make a detailed study of Old English. Prerequisite: English 4. TTS 9. Professor CALLAWAY. (Given in alternate years; omitted in 1926-1927.)]

215fw. *G. Middle English*.—A minute study, from both the linguistic and the literary standpoints, of selected texts in the Middle English dialects, especially in the Midland dialect as represented in the works of Chaucer, supplemented by copious readings. Prerequisite: English 4. TTS 10. Professor CALLAWAY. (Given in alternate years; given in 1926-1927.)

116s. *G. Modern English Grammar*.—Sweet's *A New English Grammar*, volumes I and II (Modern English Period). Prerequisite: English 4. TTS 10. Professor CALLAWAY. (Given in alternate years; given in 1926-1927.)

239fw. *G. Studies in the Elizabethan Drama*.—MWF 9. Professors LAW, OLIPHANT.

237ws. *G. Studies in the Eighteenth Century*.—TTS 11. Professor GRIFFITH.

238ws. *G. Studies in American Literature*.—MWF 10. Professor CAMPBELL.

20. *G. Conference Course*.—Designed for candidates for the Master of Arts degree with English as the major subject. Credit received dependent upon amount and quality of work done in writing of thesis. Prerequisite: At least two full courses (or their equivalent) in English literature. Professors CALLAWAY, CAMPBELL, GRIFFITH, LAW, PAYNE, OLIPHANT.

110f. *G. Bibliography and Literary Methods*.—Designed to introduce the graduate student to the principal fields of literary research and to acquaint him with the materials and methods of graduate study. Hours to be arranged. Professor GRIFFITH.

DEPARTMENT OF GEOLOGY

FREDERIC WILLIAM SIMONDS, PH.D., D.SC., *Professor of Geology*.

ELIAS HOWARD SELLARDS, PH.D., *Professor of Geology; Associate Director of the Bureau of Economic Geology*.

FRANCIS LUTHER WHITNEY, M.A., *Professor of Geology and Paleontology*.

FRED MASON BULLARD, M.S., *Adjunct Professor of Geology*.

WILLIAM MORRIS DAVIS, PH.D., SC.D. (HON.), *Sturgis-Hooper Professor of Geology, Emeritus, Harvard, Professor of Geology (Fall Term, 1926-1927)*.

CHARLES SCHUCHERT, LL.D., *Professor of Paleontology, Curator of the Geological Collection, and Professor of Historical Geology, Emeritus, Yale, Professor of Geology (Winter Term, 1925-1926)*.

ARTHUR KEITH, A.M., *Geologist United States Geological Survey, Professor of Structural Geology (Spring Term, 1925-1926)*.

GILBERT DENNISON HARRIS, PH.B., *Professor of Paleontology and Stratigraphy, Cornell, Professor of Paleontological Geology (Winter Term, 1926-1927)*.

Facilities for Graduate Study

The Department of Geology is prepared to direct and supervise research problems along the following lines: *Paleontology, General and Structural Geology, and Physiography*. Library facilities are good, most of the books having been carefully selected to meet the needs of students in the lines above indicated. When necessary, special volumes may be obtained, through the University Librarian, from the libraries of other institutions or organizations. Collections for the study of paleontology are ample, and the opportunities

for paleontological research in the vicinity of Austin are unexcelled in Texas.

Requirements for Graduate Study

Prerequisite Courses.—Students contemplating courses leading to the degree of Master of Arts should comply with the natural science requirements for the degree of Bachelor of Arts having geology as the major subject. Their attention is further directed to the following statements with reference to preliminary or prerequisite courses:

1. In addition to Geology 1, the foundation course, it is strongly recommended that the student before entering upon graduate work in paleontology should have completed Geology 11 A, *Historical Geology*, and Geology 23 A, *Paleontology*.

2. Graduate students before specializing in some phase of general geology, should have completed Geology 11 A, *Historical Geology*, Geology 31 A, *Field Geology* (Summer Camp), Geology 23 A, *Paleontology*, and Geology 118w A, *Structural Geology*.

3. Graduate students intending to major in physiography, in addition to Geology 1 should have completed as preliminary to their work, Geology 11 A, *Historical Geology*, Geology 12 I, *Physiography of North America*, and either Geology 33 A, *Physiography and Geology of North America*, or Geology 34 A, *Physiography and Geology of South America*.

Degree Requirements.—In planning their courses, candidates for the degree of Master of Arts or of Doctor of Philosophy should consult with the professor under whom their major work is to be done.

For Undergraduates and Graduates

The following courses are open to advanced undergraduates and graduates:

Geology 30 S. Paleontological Research Professor WHITNEY.

Geology 32 S. The Geology of Petroleum. Professor WHITNEY.

For Graduates

The following courses are open to graduates only:

Geology 41 G. Research Problems in Physiography. Professor SIMONDS.

Geology 42. G. Research Problems in Geology. Professor SELLARDS.

The work of the above courses will be largely individual and will be varied in accordance with the problem selected for investigation.

Graduate Courses by Visiting Professors.—The following courses by visiting professors, given during the winter and spring terms of

the 1925-1926 session, were open to both advanced and graduate students.

Geology 243 G. Stratigraphical Geology. Professor CHARLES SCHUCHERT, Yale University.

Geology 244 G. Structural Geology. Professor ARTHUR KEITH, United States Geological Survey.

For the session of 1926-1927 the program for the visiting professors is tentatively as follows:

FALL TERM

Geology 245 G. Problems in Physiography.—Three lectures a week with individual conferences and practical exercises. Professor WILLIAM MORRIS DAVIS, Harvard University.

WINTER TERM

Geology 246. G. Tertiary Geology and Paleontology of the Southwestern States. Professor GILBERT DENNISON HARRIS, Cornell University.

SPRING TERM

Geology 247. G. The Occurrence and Production of Petroleum, with special reference to the problems presented in the Southwestern States.—Different phases of this subject will be treated by several well-known practical oil men whose names will be announced later.

DEPARTMENT OF GERMANIC LANGUAGES

JOHANNES LASSEN BOYSEN, PH.D., *Associate Professor of Germanic Languages.*

LEE M. HOLLANDER, PH.D., *Associate Professor of Germanic Languages.*

PHILLIP SEIBERTH, M.A., *Adjunct Professor of Germanic Languages.*

Facilities for Graduate Study

Library equipment in the Germanic languages has recently been materially improved. It is quite adequate in periodical and bibliographical works, and in the reports and publications of academies and scientific societies, both American and foreign. It contains also several large collections of texts like the *Bibliothek des Literarischen Vereins in Stuttgart*, to mention one of the largest. Students interested in Scandinavian lore may find unexpected treasures in the Swante Palm

Collection, which is now completely catalogued and accessible. This collection is rich in Swedish literature of the eighteenth and of the first half of the nineteenth centuries; and contains numerous translations into Swedish.

Graduate study is encouraged in Old Norse, Gothic, Middle High German, and German literature. Old Norse will introduce the student to one of the richest and most original of medieval literatures. No language is better suited than Gothic to introduce the student to the historical study of English and German. In pursuing these courses the students will find Latin and Greek helpful.

Requirements for Graduate Study

Prerequisite Courses.—In order to begin graduate work with German literature or language as a major subject, the student must, beginning with the session of 1927–1928, have had at least two advanced courses in German or their equivalent. All courses for which graduate credit may be received must be preceded by German A, 1, and 2 or 22, or their equivalent. The work of graduate students registered for courses open also to undergraduates is expected to be both broader in scope and more advanced in character than that of the undergraduates. To meet this requirement graduate students will be assigned extra work.

M.A. Degree Requirements.—If a student is a candidate for the degree of Master of Arts with German as the major subject, he must take at least one graduate course in German literature and one graduate course in Germanic philology in addition to the thesis. While these requirements are fixed, he is urged to include English 110f (Bibliography and Literary Methods) in his schedule and will be allowed a certain latitude in the choice of minor or minors in order to meet his special needs.

Ph.D. Degree Requirements.—Under present conditions it is impossible to give a definite sequence of courses leading to the degree of Doctor of Philosophy with German literature or Germanic philology as a major. In general, a candidate must be familiar with the elements both of German literature and of Germanic philology, and he must show a thorough first-hand knowledge of the major field; furthermore, he must present an acceptable doctor's thesis.

Preliminary Courses for Undergraduates

A. F. Beginners' German.—Meets five times a week, but work required is the same as for a regular three-hour course, four hours instead of six being devoted to outside preparation.

1. F. Grammar, Reading, and Composition.—Continuation of German A. Prerequisite: German A or two entrance units in German.

2. *I. Advanced Reading and Composition.*—Reading of modern German authors, syntax, and free reproduction. Prerequisite: German 1 or three entrance units in German.

22. *I. Advanced Reading and Composition.*—Slightly in advance of German 2, and intended for those who expect to go on with German. Prerequisite: German 1 with grade of *A* or *B*, or consent of the instructor. German 2 and 22 may not both be counted toward a degree.

For Undergraduates and Graduates

11. *A. History of German Literature.*—Introductory survey of German literature, contents being stressed rather more than form. Normally this course precedes other advanced courses in German and is required of majors. Prerequisite: German 2 or 22. TTS 10. Associate Professor HOLLANDER.

42. *A. Lessing, Goethe, and Schiller.*—Intensive study of German classic literature. Prerequisite: German 2 or 22. MWF 11. Associate Professor BOYSEN.

43. *A. German Literature from Schiller's Death to 1870.*—In connection with the study of the main currents of German literature within this period, there will be a more intensive study of the most important writers. Alternates with German 44; given in 1926–1927. Prerequisite: German 2 or 22. TTS 11. Adjunct Professor SEIBERTH.

[44. *A. German Literature from 1870 to the Present.*—The method followed is essentially the same as in the preceding course, with which it alternates. Prerequisite: German 2 or 22. Adjunct Professor SEIBERTH. (Omitted in 1926–1927.)]

For Graduates

Graduate students in German should include English 110f (Bibliography and Literary Methods) in their schedule.

126f. *G. Gothic A.*—Reading of Gothic texts, stressing chiefly phonology and inflection. One advanced course in German or consent of instructor. Associate Professor BOYSEN.

126w. *G. Gothic B.*—Reading of Gothic texts continued, special attention being given to morphology and the relation of Gothic to the other Germanic dialects. Prerequisite: German 126f. Associate Professor BOYSEN.

131s. *G. Elements of Germanic Philology.*—Continuation of 126f and 126w offering an introduction to Germanic philology, with syntax as the main topic. Prerequisite: German 126f and 126w. Associate Professor BOYSEN.

30. *G. Middle High German.*—Reading of selected texts with a study of the characteristics of Middle High German literature. Pre-

requisite: One advanced course in German. Associate Professor HOLLANDER.

50. *G. Conference Course*.—The subject matter of this course will vary with the needs of students writing master's or doctor's theses in the department.

DEPARTMENT OF GOVERNMENT

CALEB PERRY PATTERSON, PH.D., LL.B., *Professor of Government*.

FRANK MANN STEWART, M.A., *Associate Professor of Government*.

OLIVER DOUGLAS WEEKS, PH.D., *Associate Professor of Government*.

*BENJAMIN FLETCHER WRIGHT, JR., PH.D., *Adjunct Professor of Government*.

*CHARLES AUGUST TIMM, M.A., *Adjunct Professor of Government*.

JAMES ERNEST PATE, PH.D., *Instructor in Government*.

CHARLES M. KNEIER, PH.D., *Instructor in Government*.

HERMAN GERLACH JAMES, PH.D., J.D., *Dean of the College of Arts and Sciences; Dean of the Graduate School; Professor of Political Science, University of Nebraska, Lecturer in Government (Summer Session, 1926)*.

CHARLES W. PIPKIN, PH.D., *Associate Professor of Government, Louisiana State University, Lecturer in Government (Summer Session, 1926)*.

ROBERT RENHART WILSON, PH.D., *Associate Professor of Political Science, Duke University, Lecturer in Government (Summer Session, 1926)*.

HERMAN HUNTER GUICE, J.D., *Assistant Professor of Business Law, Southern Methodist University, Lecturer in Government (Summer Session, 1926)*.

Facilities for Graduate Study

The Department of Government is fortunate in the abundance of its source material for research, since our students have access to the libraries of both the University and the State Government. There are 5,000 congressional documents, 9,000 state documents, and 3,000 reports of state executive departments in the main library of the University. In addition to these, the library also contains large collections of treaties, diplomatic correspondence, reports of international congresses, the proceedings of such international organizations as the Interparliamentary Union, Universal Postal Union, International Commissions, International Labor Offices, and the Journal of the League of Nations, together with the monthly summary of its activities and minutes of the proceedings of the council and assembly.

*Absent on leave for the session of 1926-1927.

For research in public law, there are collections of cases, two sets of reports of the Supreme Court of the United States, and the reports of the Supreme Courts of every state in the Union as well as of the Supreme Courts of Canada and Australia.

The State Library has a large collection of state documents, containing the judicial reports, the laws, and the reports of the executive departments, boards, and commissions of practically all of the states.

In the field of political theory, the library contains most of the important source materials and nearly all of the major commentaries dealing with modern theory, and adequate sources for parts of the ancient and medieval fields. It is, however, especially rich in its materials on American political theory, containing many rare publications, particularly those by Southern writers, and most of the published debates of state constitutional conventions. All of the most important journals dealing with political theory which are published in English and a number of French, German, and Spanish journals are also available.

Requirements for Graduate Study

Prerequisite Courses.—Government 1 is a prerequisite to all other courses in government.

The completion of two advanced courses in government is a prerequisite to majoring in government.

A general knowledge of at least two other social sciences, preferably history and economics, is a necessary preparation for satisfactory graduate work in government.

M.A. Degree Requirements.—Candidates for the Master's degree are advised to select their courses in consultation with the instructor under whom they expect to do the major portion of their work.

Candidates for the Master's degree must complete two advanced courses in government in addition to those required for majoring in the department and in addition to the thesis.

The thesis subject must be selected in conference with the instructor under whom the candidate is working and in whose subject he must have already satisfactorily completed at least one advanced course.

The minor or minors must be chosen from the other social sciences.

Ph.D. Degree Requirements.—In addition to the general requirements for the Degree of Doctor of Philosophy, the following special requirements obtain in the Department of Government:

a. Credit for work done in government at other institutions is subject to the approval of the department.

b. An oral examination shall precede formal admission to candidacy for the degree and include the entire subject of government together with the second minor.

The candidate for the doctor's degree may choose any one of the following fields for a major.

American Federal Government and Constitutional Law, which includes the following courses: 20, 25, 27, 34, 43, 37, 48.

Political Theory, which includes the following courses: 19, 36, 38, 46,

European Government, which includes the following courses: 24, 25, 45.

International Relations, which includes the following courses: 14, 16, 31, 42, 48.

Preliminary Courses for Undergraduates

1. I. *Descriptive Course in Comparative Government.*

For Undergraduates and Graduates

[14. A. *American Diplomacy.*—The organization and work of the Department of State and of the foreign service; a study of the nature, historical development, and present status of each of the principal foreign policies of the United States, with special attention to current diplomatic problems in Europe, Latin America, the Far East, the Near East, and Russia. Prerequisite: Government 1. MWF 10. Adjunct Professor TIMM. (Omitted in 1926–1927.)]

15. A. *Comparative Local Government.*—Problems of local government—organization and administration—in Europe and the United States. Prerequisite: Government 1. MWF 12. Instructor KNEIER.

16. A. *International Law.*—Development, nature, sources, and present status of international law; international law; international rules and regulations with respect to peace, war, and neutrality. Prerequisite: Government 1. MWF 9. Instructor KNEIER.

19. A. *Political Theory.*—A study of the writings of the principal political philosophers from Plato to the present time. Special attention to a consideration of theories of the sources and nature of law, state power, the form and function of government, and the growth of democratic ideas and institutions. Prerequisite: Government 1. TTS 9. Associate Professor WEEKS.

20. A. *Constitutional Law.*—General principles of constitutional law, Federal and state; relations and powers of the Federal Government and the states; limitations on the Federal Government and the protection accorded to individual rights under the American constitutional system. Prerequisite: Government 1. TTS 12. Instructor PATE.

22. A. *American State Government.*—Development, amendment, and revision of state constitutions; organization of the executive; administrative reorganization; legislative organization, methods, and procedure; the judiciary; work of the state departments. Compari-

sons will be made with the State Government of Texas. Prerequisite: Government 1. TTS 11. Associate Professor STEWART.

24. *A. European Governments.*—Intensive study of the governments of England, France, Italy, Switzerland, Germany, and Russia, together with full consideration of recent revolutionary and party changes. Some attention also to other countries in Central Europe. Prerequisite: Government 1. MWF 10. Professor WEEKS.

25. *A. Political Parties and Public Opinion.*—Functions, history, and organization of political parties, their influence in actual government, together with an analysis of the problem of public opinion in a popular government. Prerequisite: Government 1. MWF 9. Associate Professor STEWART.

31. *A. International Relations.*—Nature of international relations; fundamental factors and problems of nationalism, territorial conflicts, imperialism, militarism, and armaments; principal world policies of the Great Powers; Problems of the peace settlement in 1919; economic problems of international relations; the conduct of diplomacy under modern conditions; the development of international organizations; the League of Nations and the Permanent Court of International Justice; international conferences since the World War. Prerequisite: Government 1. TTS 10. Professor PATTERSON.

34. *A. National Government of the United States.*—The organization, powers, and functions of the executive, the legislative, and the judicial departments. Prerequisite: Government 1. MWF 11. Professor PATTERSON.

[36. *A. American Political Theory.*—The history of such essentially American theories and practices as a written constitution, judicial review of legislation, the functional and territorial separation of powers; the theories of American statesmen and publicists concerning natural rights, sovereignty, the functions of government, the suffrage; due process of law, etc. Prerequisite: Government 1. MWF 11. Adjunct Professor WRIGHT. (Omitted in 1926–1927.)]

23. *S. Problems in Local Administration.*—Prerequisite: Government 1 and 15. Instructor KNEIER.

41. *S. Problems in State Administration.*—Investigation of problems in organization, methods, and work of state government. Prerequisite: Government 1 and 22. Associate Professor STEWART.

42. *S. Problems in Diplomacy and International Relations.*—Problems of organization and administration of international commissions, bureaus, unions, and leagues; topics in diplomacy. Prerequisite: Government 1, and either 31 or 14. Professor PATTERSON.

43. *S. Problems in National Administration.*—Problems of organization, reorganization, and administration of the National service. Prerequisite: Government 1 and 34. Professor PATTERSON.

45. *S. Problems in European Government.*—Special attention to the new constitutions of Europe and recent governmental and party

changes in important European countries. Prerequisite: Government 1 and 24. Associate Professor WEEKS.

46. *S. Problems in Political Theory*.—A study of selected topics. Prerequisite: Government 1, and either 19 or 36. Associate Professor WEEKS.

47. *S. Problems in Political Parties and Popular Government*.—Special studies in current problems of political parties and popular government. Prerequisite: Government 1 and 25. Associate Professor STEWART.

48. *S. Problems in Public Law*.—Selected topics in constitutional and international law. Prerequisite: Government 1, and either 16 or 20. (Omitted in 1926–1927.)

For Graduates

Students who desire to write theses in government are expected to consult, before registering, with the instructors in the fields in which they wish to work.

18. *G. Thesis Course*.—Instructor KNEIER.

27. *G. Thesis Course*.—Professor PATTERSON.

28. *G. Thesis Course*.—Associate Professor STEWART.

38. *G. Thesis Course*.—Associate Professor WEEKS.

39. *G. Thesis Course*.—(Omitted in 1926–1927.)

DEPARTMENT OF HISTORY

EUGENE CAMPBELL BARKER, PH.D., *Professor of American History*.

FREDERIC DUNCALF, PH.D., *Professor of Medieval History*.

CHARLES WILLIAM RAMSDELL, PH.D., *Professor of American History*.

THAD WEED RIKER, M.A., B.LITT (Oxford), *Professor of Modern European History*.

FRANK BURR MARSH, PH.D., *Professor of Ancient History; Secretary to the Graduate Faculty*.

CHARLES WILSON HACKETT, PH.D., *Professor of Latin-American History*.

MILTON RIETOW GUTSCH, PH.D., *Associate Professor of English History*.

THOMAS POWDERLY MARTIN, PH.D., *Associate Professor of American History*.

WALTER PRESCOTT WEBB, M.A., *Associate Professor of History*.

WILLIAM CAMPBELL BINKLEY, PH.D., *Professor of History, Colorado College, Lecturer in History (Summer Session, 1926)*.

EDMUND EVERETT DALE, PH.D., *Professor of History, University of Oklahoma, Lecturer in History (Summer Session, 1926)*.

THOMAS MAITLAND MARSHALL, PH.D., *Professor of History, Washington University, Lecturer in History (Summer Session, 1926)*.

JOHN LLOYD MECHAM, PH.D., *Associate Professor of History* (Session 1925-1926).

FREDERICK LOUIS NUSSBAUM, PH.D., *Assistant Professor of History, University of Wyoming, Lecturer in History* (Summer Session, 1926).

Facilities for Graduate Study

The Department of History offers courses and exceptionally well developed and unusually good facilities for research leading to the Master of Arts degree and to the degree of Doctor of Philosophy in the fields of American, Latin American, English, Ancient, Medieval, and Modern European History. The more important materials available are mentioned in the following statements:

American History.—The Library of the University of Texas is well equipped for graduate work in various fields of American history. It is particularly strong in materials for the history of the South from 1800 to 1878, and for the history of the Southwest. It contains files of all the national historical journals, of most of the regional journals, and of the principal State and local periodicals. The collection of newspaper files is extensive and geographically representative; there are fairly adequate files from New York, Washington, Richmond, Cincinnati, Charleston, Augusta, New Orleans, Little Rock; and for Texas, reasonably adequate files from 1835 to 1876 and nearly complete files of the outstanding papers since 1876. The manuscript collections on Texas and the Southwest are large and are constantly growing by the acquisition of originals, transcripts, and photostat copies. The collection of books, pamphlets, and manuscripts in the University Library supplemented by those in the State Library and the several government departments is the most complete in existence.

The University's equipment for the history of the South (liberally interpreted, is derived principally from the Littlefield Fund for Southern History. In 1914 Major George W. Littlefield gave the University a fund of \$25,000 for the purchase of materials for the "full and impartial study of the South and of its part in American history." In 1921 he left by will \$100,000 for the same purpose. The total amount of his gift is funded, and yields about \$6,000 a year for the purchase of materials.

The Library is also well equipped for study of the State's part in the World War and has adequate background material on the general aspects of the war. By special appropriation the Board of Regents provided for the collection of all available material pertaining to the various activities of Texas during the World War, and for the collection in general of the more important books dealing with the war. Thousands of books and pamphlets have been collected, and newspaper

files for the period of the war secured from England, France, Germany, Mexico, and other countries. Of special note also are the collections of war posters and broadsides, official war photographs, war songs and music, and the files of this district covering the Council of Defense, the war loans, the Food Administration, etc.

Latin American History.—The Library is well equipped for the study of the history of Spanish North America in general and of Mexico and the Spanish Southwest in particular. The García collection, consisting of some 11,000 volumes, 15,000 pamphlets, and 400,000 folios of manuscripts, offers exceptional opportunities to the student of Mexican history. Of especial interest are the archives of the counts of Penasco, 1938 folios, covering the years 1757 to 1847; of the historian Alamán, 430 folios (1810–1853); of Ignacio Comonfort, president of Mexico, 2,650 folios (1838–1863); of Gómez Farías, President of Mexico, 4,300 folios (1820–1856); of Vicente Guerrero and the Riva Palacio family, 26,000 folios (1810–1897). In addition to the resources of the García Collection, the Library is in possession of some 70,000 pages of transcripts of documents in the archives of Spain and Mexico. For the study of Mexico and general Latin America, the University's equipment is equal to that of any library in the United States.

English History.—The University Library has most of the outstanding collections of published sources of English history, such as Chronicles and Memorials of Great Britain and Ireland; the publications of the Camden, Early English Text, Scottish Text, Selden, Surtees, Oxford Historical, Historical Manuscripts, Royal Historical, Chetham, Naval Records, Royal Geographical, Hakluyt and Somerset Record Societies, Parliamentary Debates, Commons Journals, Lords Journals, British and Foreign State Papers, Calendars of State Papers, Annual Register, Parliamentary Papers (complete since 1914), the Acts of the Privy Council, Proceedings and Ordinances of the Privy Council, State Trials, Law Court Reports, and various complete collections of statutes.

In addition, the University has an excellent collection of source materials relating to the British Empire, especially India, such as Court Minutes, Letters Received, Indian Factories, Charters, Proceedings of the several Legislative Councils, Acts and Ordinances.

The Wrenn, Aitken, and Rare Books Collections are extremely valuable for the Stuart and early Hanoverian periods, containing hundreds of tracts, broadsides and political pamphlets and an extensive collection of newspapers from 1642 to 1730.

These source materials are supplemented by an excellent collection of memoirs, letters, autobiographies, and contemporary narratives. In addition the University Library has the standard secondary works and periodicals.

Ancient History.—In the Library of the University there are available practically all the narrative and literary sources for Greek and Roman history together with the Corpus of Latin Inscriptions and its supplement the *Notizie degli Scavi* and such guides to their use as the *Prosopographia Imperii Romani* and similar works for the Greek field.

In the way of secondary sources the Library contains the principal standard works with a large number of monographs and special studies and in addition complete files of many of the most important journals dealing with Ancient History and Classical Philology.

Medieval History.—The Library contains many of the large collections of medieval sources. *Migne, Patrologiae, latina and graeca; Monumenta Germaniae historica; Rolls Serise; Bouquet; Recueil des historiens des Gaules et de la France; Recueil des historiens des croisades; Corpus scriptorum historiae Byzantinae.* Also complete files of some of the more important historical reviews.

The Library has ample material for graduate study in the field of the crusades. Materials are being collected on medieval Spain, in order that graduate work may be offered in this background of Spanish-American history.

Modern European History.—The source-material for modern European history is fullest on eighteenth century France and the Second Empire, but the Library is likewise fortunate in possessing a number of the standard sets, among which may be noted: the transactions of the Russian Historical Society, *Mémoires relatives à l'histoire de France*, *Documents inédits sur l'histoire de France*, *Memoires de la Société à l'Histoire de Paris*, *Recueil des instructions données aux ambassadeurs de la France, 1648-1789; Recueil des Traités (Martens); Documentos para la Historia de España; Das Staatsarchiv; Documents diplomatiques; Die Grosse Politik der Europaeische Kabinette;* the published correspondence of Frederick the Great, Maria Theresa, Joseph II, Napoleon I, and Cavour, the collected works of Bismarck; the parliamentary debates of France (since 1789), the North German Confederation, the German Empire, and miscellaneous volumes for Italy and The Netherlands. The Library has also a complete file of the leading English, French and German historical journals.

Requirements for Graduate Study

Prerequisite Courses.—Before any advanced course may be taken in history, two of the following introductory courses, or their equivalent must have been completed; credit, however, may not be received for both History 3 and 10.

Students who intend to specialize in history will find themselves seriously handicapped without a reading knowledge of French and German and for some courses, Spanish or Latin. They should, therefore, as early as possible, acquire the linguistic preparation.

Preliminary Courses for Undergraduates

9. *F. Introduction to European History.*—General survey of the history of Europe, including England, during the medieval and modern periods.

10. *F. History of Contemporary Europe.*—The development of the principal nations during the nineteenth century in their domestic and foreign relations; background of the World War; the Peace Conference; reconstruction; and subsequent issues.

74. *F. History of England.*—Survey of the social, economic, political, and intellectual development of Britain. Required for pre-law and recommended for pre-business administration students, and those majoring in English.

1. *I. Ancient History.*—History of Greece, of the Roman Republic, and of the early Roman Empire.

2. *I. History of Medieval Europe, 395–1500.*—Development of Western Europe from the final division of the Roman Empire, in 395, to and including the period of the Renaissance.

3. *I. History of Modern Continental Europe.*—Designed to develop a clear conception of the historical evolution of leading continental nations and their present problems.

5. *I. History of the United States.*—History of the United States from the discovery of America to the present time.

M.A. Degree Requirements.—Candidates for the degree of Master of Arts with the major subject in history will be required to offer as preliminary to their graduate work at least four courses in history, two of which must be advanced courses; and must take three advanced courses (including the thesis and History 106. S.) in history to complete the requirements in the major subject. The minor subject or subjects (two advanced courses) must be chosen from advanced courses outside the Department of History. Candidates are advised to take at least two advanced courses in: (1) American history (United States, Latin America), or (2) European history (English, ancient, medieval, modern). A third advanced course in the same or a different field of history is desirable. Three-fifths of the required work for the degree, including the thesis, must be done within the department.

The subject of the thesis should be selected with the advice of the supervising professor as soon as possible after the admission of the candidate. The supervising professor reserves the right to prescribe some special work in English composition if in his judgment the candidate lacks the literary qualification for writing the thesis.

Ph.D. Degree Requirements.—Supplementary to the general requirements for the Ph.D. degree, the student will be required to satisfy the members of the Department of History directing his work that

he has an intelligent general knowledge of the fields of ancient, medieval, modern, continental, English, and American history. The knowledge which he will be expected to show in any of these fields, except in his major, first minor, and collateral history courses, in substantially that which may be obtained from a comprehensive undergraduate course of study in the field. While the graduate work will require a minimum period of three years, mere length of residence and number of courses taken are not the main consideration. Ordinarily, the student is expected to devote the equivalent of thirty hours of graduate study to class work or seminar work during the three years of residence study. The distribution should be as follows: twelve hours in the major field of history; six hours in the field of history devoted to the first minor; six hours additional in history—this may be in the major or minor fields or in some other field of history; six hours in the second minor, outside the Department of History. In addition to the class and seminar work the student must devote a large part of the time to the investigation of the subject selected for his dissertation. The thesis is of paramount importance. It must show not only creditable literary workmanship but also original treatment and independent research.

The examination will be searching in the general field of the major, with particular emphasis on the restricted field of the thesis. In the first minor (history) and in the field of the collateral courses the examination will dwell on the field of the courses taken but will not be restricted to those courses. The examination will be both written and oral.

Major and Minor Fields in History.—(1) Candidates may major in modern European history. If they do not minor in English history, the major will include at least three hours in modern English history. Minor: (a) medieval, (b) English, or (c) United States history. (2) Candidates may major in medieval history, including in this field English history to 1485. Minor: (a) modern European, (b) English, (c) ancient, or (d) United States history. (3) Candidates may major in English history. If they do not minor in modern European history, the major will include at least three hours in modern European history. Minor: (a) modern European, (b) medieval, or (c) United States history. (4) Candidates may major in ancient history, including medieval history. Minor: (a) medieval, (b) modern European, (c) English, (d) United States history, (e) classics. (5) Candidates may major in United States history. Minor: (a) English, (b) modern European, or (c) Latin American history, (d) medieval. If Latin American history is not chosen for a minor it should be included in the collateral history courses. (6) Candidates may major in Latin American history, including: (a) United States, (b) English, or (c) modern European history. Minor: (a) United States, (b) English, or (c) modern European history.

For Undergraduates and Graduates

25. A. *History of the United States, 1750-1829*.—Causes of the American Revolution; formation and establishment of the Constitution; rise of the West; formulation of a foreign policy, reaching classic expression in the Monroe Doctrine; development of nationalism. TTS 10. Professor BARKER.

35. A. *History of the United States, 1829-1860*.—Development of controversy over state rights; expansion of the United States in the Southwest and in the Far West. MWF 10. Professor BARKER.

45. A. *The Civil War and Reconstruction, 1860-1877*.—Secession; constitutional and financial problems of waging war; conditions in the South after the war; development of the Reconstruction policies; radical rule in the South and its overthrow; the disputed presidential election of 1876-1877. Professor RAMSDELL. (Given in alternate years; omitted in 1926-1927.)

95. A. *History of the United States since 1877*.—Particular attention is paid to the history of the West. Grangers, greenbackers, the silver question, railway regulation, the tariff, the last of the frontier, populism, civil service reform, imperialism, diplomacy, the Spanish-American war, the trusts, Roosevelt, Woodrow Wilson, the World War, are treated in some detail. TTS 9. Associate Professor MARTIN.

18. A. *The Old South, 1783-1865*.—Expansion, development, life, and institutions of both the upper and lower South from the late eighteenth century to the destruction of the old régime in the war for Southern independence, 1861-1865. Professor RAMSDELL. (Given in alternate years; given in 1926-1927.)

85. S. *History of American Foreign Relations, 1846-1876*.—For this year the central subject will be sectionalism in foreign relations. Lectures on selected topics, readings and reports. Associate Professor MARTIN.

47. A. *History of Mexico and Spanish North America, 1492-1921*.—Historical evolution of Mexico and the Central American republics in the nineteenth and twentieth centuries; the elimination of Spanish power from the West Indies. Emphasis on the historical development of Mexico from independence to the present time. TTS 10. Professor HACKETT.

46. A. *History of South America*.—Survey of the historical development of the republics of South America to the present day; emphasis on present-day conditions, including international relations; political problems, systems of government, race questions, and economic and industrial conditions. MWF 9. Professor HACKETT.

84. A. *England under the Tudors and Stuarts, 1485-1688*.—The Reformation and its results; constitutional struggle of the seventeenth

century; Irish question; economic and social development; international relations and foreign policy; development of sea power; creation of the Empire. Associate Professor GUTSCH. (Given in alternate years; given in 1926-1927.)

54. A. *History of Britain since 1815*.—Survey of political, social, and economic development of Britain from the Congress of Vienna to the present. Emphasis on such topics as Chartism, Catholic emancipation, free trade, parliamentary reform, Irish Home Rule and the Sinn Fein movement, factory legislation, back-to-the-land movement, House of Lords question, foreign policy, the war, and reconstruction. Associate Professor GUTSCH. (Given in alternate years; omitted in 1926-1927.)

34. A. *The British Empire*.—Outline of the acquisition, development, and government of the British colonial possessions; India and the Far East; Africa; Australasian and American possessions and present-day imperial problems. Associate Professor GUTSCH. (Given in alternate years; omitted in 1926-1927.)

21. A. *Roman Imperialism*.—A survey of the growth of the imperial idea under the later republic, including a study of the careers of the Gracchi, Marius and Sulla, Pompey and Caesar; the establishment of the empire under Augustus; the development of social and political institutions under the early empire. TTS 11. Professor MARSH. (Given in alternate years; omitted in 1926-1927.)

31. A. *Greek Imperialism*.—A study of the various attempts to unify the Greek states, beginning with the Athenian Empire and proceeding with the Spartan, Theban, and Macedonian supremacies. TTS 11. Professor MARSH. (Given in alternate years; given in 1926-1927.)

22. A. *The Civilization of the Middle Ages and the Renaissance*.—The cultural development of the Middle Ages; the antecedents of the Renaissance; the economic, artistic, and intellectual phases of the Renaissance period. TTS 11. Professor DUNCALF.

23. A. *European History since 1870*.—Examination of the trend of European history toward realization of political and economic freedom and recent course of world politics. Winter and spring terms devoted chiefly to the Great War (its causes, conduct, settlements, and results), and the Russian Revolution. Survey of social and political problems of the Old World today. TTS 12. Professor RIKER.

43. S. *The Old Régime in Europe and the French Revolution*.—The historic ascendancy of France in politics and culture; the play of personalities at the court of the French kings; the social and political institutions of pre-Revolutionary Europe; the development of public opinion in France and its expression in the French Revolution; the Revolution in its relation to Europe. MWF 12. Professor RIKER.

293fw. A. *Internationalism in Europe*.—Development of international coöperation, from the emergence of the idea of a federated Europe and its gradual and spasmodic application down to such recent agencies for world peace as the League of Nations and the International Labor Bureau; a course in constructive diplomacy. TTS 11. Professor RIKER.

183s. A. *Seminar in Modern European History*.—The subject for the session 1926–1927 will be certain problems of international coöperation. For some features of the work a reading knowledge of either French or German is necessary. Students planning to register in this course are advised to take History 293 by way of preparation. TTS 11. Professor RIKER.

129s. A. *Teachers' Course in History*.—Method of teaching history in secondary schools. Prerequisite: Two courses in history and one in education. TTS 8. (Given also as a third of a course in Education.) Associate Professor WEBB.

For Graduates

7. G. *The Anglo-American Southwest, 1803–1850*.—Selected topics in the Anglo-American occupation of the Southwest. Each student is expected to prepare a paper, presenting, in good literary form, the results of an original investigation. Prerequisite: Senior standing and three courses in history, one of which must be in American history. Professor BARKER.

8. G. *The South*.—Seminar for the investigation of selected subjects, primarily in Southern history since 1850, and the preparation of papers embodying the results of such study. The papers must be in good literary form and show a respectable acquaintance with the technique of history writing. Prerequisite: Graduate or high senior standing and two courses in American history. Professor RAMSDELL.

36. G. *The Spanish Southwest*.—Colonial activities of Spain in the southwestern portion of the present United States; extension of Spanish dominion over the region; development of Hispanic institutions which have influenced later civilization in the southwest. A fair reading knowledge of Spanish is necessary. Prerequisite or parallel: History 47. Professor HACKETT.

94. G. *The Constitutional History of England*.—Survey of the constitutional history of England from the earliest times to the present, with particular attention to institutional origins and the development of parliament and the cabinet. (Given in alternate years; given in 1926–1927.) Associate Professor GUTSCH.

51. G. *Studies in the Early Empire; the Reign of Tiberius*.—A study of the period based on the sources, including especially a critical examination of the works of Tacitus. Lectures, assigned reading, and reports by the students on special topics. Prerequisites:

one advanced course in history or one in Latin. The subject of this course can be varied to meet the needs of the students. MWF 10. Professor MARSH.

(History 51 is strongly advised as one of the courses for the Master's degree.)

42. *G. Introductory Seminar in Medieval History.*—This course is intended for students who intend to do graduate work in the medieval field. Its aim is to familiarize students with medieval Latin and the general materials and methods used in graduate work in this field. Professor DUNCALF.

DEPARTMENT OF HOME ECONOMICS

JET C. WINTERS, M.A., PH.D., *Associate Professor of Home Economics.*

Facilities for Graduate Study

The graduate work in the Department of Home Economics is designed for students interested in nutrition. At present this is the only field of work in Home Economics in which courses leading to the Master of Arts degree are offered. The courses required for the Master of Arts degree are outlined below.

The Library facilities for graduate work along the line of nutrition are particularly good. In addition to the books and periodicals available through the Home Economics Department access may be had to the chemistry and biology libraries and to the medical library at Galveston. By drawing on these four different sources, it is felt that the need for library material can be adequately met.

A graduate laboratory has been specially equipped for investigation into the nutritive value of foods, metabolism and dietary experiments and digestion studies. In addition, a well-equipped animal room and a large rat colony furnish opportunity for investigation of the nutritive value of food by means of animal feeding experiments.

Requirements for Graduate Study

Prerequisite Courses.—The prerequisite to graduate work is a prior degree of Bachelor of Arts from the University of Texas or a Bachelor of Science degree in home economics, either of which must include the courses outlined on p. 44 of this catalogue under the requirements for the degree of Master of Arts, with major work in home economics.

M.A. Degree Requirements.—The courses required of students who major in home economics for the degree of Master of Arts are the equivalent of five courses of graduate instruction completed with a grade of A or B, and distributed as follows:

Major: Home Economics 225, 50G, and 51G, and thesis. Total three courses, including the thesis.

Minor or minors: Two advanced courses selected outside the Department of Home Economics.

For Undergraduates and Graduates

22. *S. Problems in Nutrition.*—Use of respiration apparatus in metabolism studies; experiments in the nutritive value of foods; training in laboratory methods in nutrition. Six hours of lecture and laboratory. Laboratory fee, \$10. Prerequisite: Home Economics 212 and 112; Chemistry 2 and 411. Hours to be arranged. Associate Professor WINTERS; Instructor SPEARS.

For Graduates

51. *G. Seminar in Nutrition.*—Reports and discussions of recent advances in the science of nutrition. Prerequisite: Bachelor of Science degree in home economics with major in nutrition, or its equivalent. Th 3-5. Associate Professor WINTERS; Instructor SPEARS.

50. *G. Research in Nutrition.*—May consist of laboratory studies in the nutritive value of foods; feeding experiments with animals; metabolism studies; dietary studies. Laboratory fee, \$10. Prerequisite: Bachelor of Science degree in home economics with major in nutrition, or its equivalent. Hours to be arranged. Associate Professor WINTERS.

DEPARTMENT OF PHILOSOPHY AND PSYCHOLOGY

GUSTAVUS WATTS CUNNINGHAM, PH.D., LITT.D., *Professor of Philosophy; Assistant Dean of the Graduate School* (Summer Session).

ALBERT PERLEY BROGAN, PH.D., *Professor of Philosophy.*

FLEMING ALLEN CLAY PERRIN, PH.D., *Professor of Psychology.*

EDWIN THOMAS MITCHELL, PH.D., *Adjunct Professor of Philosophy.*

*DAVID BALLIN KLEIN, M.A., *Adjunct Professor of Psychology.*

DONALD AYERS PIATT, PH.D., *Adjunct Professor of Philosophy.*

OTHNIEL R. CHAMBERS, PH.D., *Adjunct Professor of Psychology.*

LLOYD A. JEFFRESS, PH.D., *Adjunct Professor of Psychology.*

ESTON JACKSON ASHER, M.A., *Instructor in Psychology.*

JOHN LAIRD, M.A., *Professor of Moral Philosophy, Queen's College, University of Aberdeen, Lecturer in Philosophy* (Summer Session, 1926).

RAYMOND H. WHEELER, PH.D., *Professor of Psychology, University of Kansas, Lecturer in Psychology* (Summer Session, 1926).

*Absent on leave for the session of 1926-1927.

Facilities for Graduate Study

In the field of philosophy opportunities for graduate work are offered in the history of philosophy, logic, epistemology, metaphysics, ethics, and theory of value. The Library is adequately equipped in certain parts of these fields, and the deficiencies are being supplied as rapidly as possible. Complete sets of the works of the classical philosophers are available, and commentaries are being constantly added. The Library subscribes regularly to the most important English, French, German, and American philosophical journals.

In psychology graduate work is encouraged in general psychology (particularly in the fields of motivation, personality and character, and mental organization), social psychology, and business psychology. Ample library facilities are provided for work in these several fields, including files of the most important psychological journals. The laboratory is well equipped with research apparatus which, beginning with the session 1926-1927, will be housed in especially designed rooms in Garrison Hall.

Requirements for Graduate Study

Prerequisite Courses.—The present prerequisite to major work in either philosophy or psychology is one advanced course in the department. Beginning with the session of 1927-1928 the prerequisite will be increased to two advanced courses, one of which must be: (a) Philosophy 9 (History of Philosophy) or its equivalent, if the major work is to be pursued in philosophy; or (b) Psychology 51 (Experimental Psychology) or its equivalent, if the major work is to be in psychology.

M.A. Degree Requirements.—Students majoring in the department for the degree of Master of Arts will be expected to write an acceptable thesis on a subject chosen after conference from one of the fields indicated in the preceding section, and to complete in addition two advanced courses of study. Minors may be selected from any of the departments of the College of Arts and Sciences or from the School of Education. For advice concerning the choice of his minor subjects the student should confer with the chairman of the department.

For minor work in the department towards the degree of Master of Arts any of the advanced courses for which the student is prepared and which correlate best with the major subject may be chosen.

Ph.D. Degree Requirements.—At present only minor work for the degree of Doctor of Philosophy is offered by the department. Concerning the courses necessary to meet the requirements for a minor towards the doctor's degree students are advised to consult the chairman of the department. It is expected that major work for the

doctor's degree will be offered in both philosophy and psychology beginning with the session of 1927-1928.

PHILOSOPHY

Preliminary Courses for Undergraduates

These courses cannot be counted for any graduate degree. For details see the general catalogue or the final announcement of courses.

3. *Ethics.*

4. *Problems of Philosophy.*

102 f., w., or s. *Logic.*

103 f., w., or s. *Ethics.*

104 w. or s. *Problems of Philosophy.*

105 w. *Philosophies of Life.*

107 s. *Social Ethics.*

For Undergraduates and Graduates

9. A. *History of Philosophy.*—Survey of the development of philosophical thought from the beginning of Greek speculation to the end of the nineteenth century, with emphasis upon its cultural bearings. Prerequisite: One full course in philosophy or two-thirds of a course in philosophy and one-third in psychology. MWF 9. Professors CUNNINGHAM, BROGAN; Adjunct Professor PIATT.

28. A. *Social Ethics.*—Detailed study of some of the more important social problems from an ethical point of view. Prerequisite: One full course in philosophy or two-thirds of a course in philosophy and one-third in psychology. MWF 10. Professor BROGAN; Adjunct Professor PIATT.

[106s. A. *Advanced Logic.* A study of some of the recent developments in formal and symbolic logic, in theory of relations, and in interpretation of the aims and methods of science. Prerequisite: One full course in the Department of Philosophy and Psychology, including Philosophy 102. TTS 9. Adjunct Professor MITCHELL. (Omitted in 1926-1927.)]

123f. A. *Scientific Method.*—A study of the aims and methods of science with special emphasis upon the implications of general philosophical importance. Prerequisite: One full course in the Department of Philosophy and Psychology, including Philosophy 4 or Philosophy 102 or Philosophy 104. TTS 9. Adjunct Professor MITCHELL.

[124f. A. *Philosophy of Art.*—A critical survey of the main theories of beauty from Plato to Croce. Prerequisite: Completion of, or registration for, at least one-third of an advanced course in philosophy. TTS 9. Professor CUNNINGHAM. (Omitted in 1926-1927.)]

131f. A. Social Ideals of Today.—Rapid survey of present ethical ideals and movements; radicalism and conservatism; utilitarian, democratic, aristocratic social philosophies; optimism and pessimism. Prerequisite: One full course in the Department of Philosophy and Psychology, including Philosophy 3 or Philosophy 103 or Philosophy 105. TTS 11. Adjunct Professor MITCHELL.

133w. A. Individualism.—Place of the self in the social environment; conflicts of interests; egoism, altruism, and universalism. Prerequisite: One full course in the Department of Philosophy and Psychology, including Philosophy 3 or Philosophy 103 or Philosophy 105. TTS 11. Adjunct Professor PIATT.

136s. A. Value and Welfare.—Interpretation of human well-being; studies in the nature, classification, measurement, and objectivity of goodness or value. Prerequisite: One full course in the Department of Philosophy and Psychology, including Philosophy 3 or Philosophy 103 or Philosophy 105. TTS 11. Professor BROGAN.

270ws. A. Philosophy of Religion.—Critical study of the fundamental problems of the religious consciousness. Nature and development of religion; comparative study of the universal religions; religious knowledge and its validity. Prerequisite: Completion of, or registration for, at least one-third of an advanced course in philosophy. TTS 9. Professor CUNNINGHAM.

10. S. Contemporary Philosophy.—An intensive study of the main problems and points of view dominant in contemporary philosophical thought. Prerequisite: Philosophy 9. W 3-5. Professors CUNNINGHAM, BROGAN; Adjunct Professor PIATT.

For Graduates

20. G. Seminar in Philosophy.—Topic for 1926-1927: the Philosophy of Hobbes and Its Influence. Prerequisite: Philosophy 9, and registration for another advanced course in philosophy. Professors CUNNINGHAM, BROGAN; Adjunct Professor MITCHELL.

27. G. Research in General Philosophy.—This course is designed for those wishing to undertake a study of special problems. Credit given according to the amount and quality of the work done. Prerequisite: Completion of, or registration for, Philosophy 20, and consent of the instructor. Professor CUNNINGHAM.

37. G. Seminar in Ethics and Philosophy of Value.—Study of one selected topic. Prerequisite: One advanced course in philosophy. Professor BROGAN.

38. G. Research in Ethics and Philosophy of Value.—This course is designed for those wishing to undertake the study of special problems in this field. Credit given according to the amount and quality of the work done. Prerequisite: Completion of, or registration for, Philosophy 20, and the consent of the instructor. Professor BROGAN.

98. G. Master's thesis in philosophy.

PSYCHOLOGY

Preliminary Courses for Undergraduates

These courses cannot be counted for any graduate degree. For details see the general catalogue or the final announcement of courses.

1. *Introductory Psychology.*

101 f., w., or s. *Introductory Psychology.*

143w. *Mental Mechanisms.*

147s. *Motor Ability.*

246ws. *Business Psychology.*

For Undergraduates and Graduates

With the exception of Psychology 40, the following courses are open only to students who have completed one course in psychology, or two-thirds of a course in psychology and one-third of a course in philosophy.

51. A. *Experimental Psychology.*—Survey of the principal problems and methods of experimental psychology; sensation, perception, memory, intelligence, learning, practice, etc. TT 8-11. Adjunct Professor JEFFRESS.

114s. A. *Social Psychology.*—Psychological technique for the study of social attitudes; group phenomena; social control. MWF 10 (V). Professor PERRIN.

157, 257, or 57. A. *Advanced Business Psychology.*—Study of special problems chosen in conference with the instructor. Prerequisite: Psychology 246, and eligibility for registration in Business Administration 31. (Given also as a course in the School of Business Administration.) Hours by appointment. Adjunct Professor CHAMBERS.

218fw. A. *The Psychology of Motivation.*—Representative views and criticisms of the instinct hypothesis; urges and drives; prestige factor in motivation; emotions as factors in motivation; recent views and experimental studies of emotions; emotions and social attitudes. MWF 10 (V). Professor PERRIN.

40. S. *Personality and Character.*—Definitions and concepts of personality and character; experimental technique for the study of personality and character; personality and character in social adjustment. Prerequisite: One advanced course in psychology, or two-thirds of an advanced course in psychology and one-third of an advanced course in philosophy. MWF 12 (IX). Professor PERRIN.

For Graduates

27. G. *Research.*—Investigation of special problems chosen in conference with the instructor. Credit given according to the amount and quality of work done. Prerequisite: Two advanced courses in

psychology and the consent of the instructor. Professor PERRIN; Adjunct Professors CHAMBERS, JEFFRESS.

52. *G. Seminar in Psychology*.—Selected topics. Prerequisite: Two advanced courses in psychology and the consent of the instructors. Professor PERRIN; Adjunct Professors CHAMBERS, JEFFRESS.

98. *G. Master's thesis in Psychology*.

DEPARTMENT OF PHYSICS

WILLIAM TYLER MATHER, PH.D., *Professor of Physics*.

JOHN MATHIAS KUEHNE, PH.D., *Professor of Physics*.

S. LEROY BROWN, PH.D., *Professor of Physics*.

ARNOLD ROMBERG, PH.D., *Professor of Physics*.

Facilities for Graduate Study

The laboratories for advanced work in physics are equipped with the most modern apparatus of exceptionally high quality and of ample amount. This is particularly true at the present time of the equipment in electric measurements, electromagnetic waves and optics. The needs of special research problems, which are in a large measure unforeseeable, are met most adequately by a splendidly equipped workshop, together with an emergency fund always held in reserve for the purchase of needed special apparatus. The workshop is regarded as the very heart of the experimental resources of the department. It is in charge of a skilled mechanic and has in the past furnished a very creditable array of special apparatus and equipment.

The department library contains a total of over 2,000 bound volumes, ranging from general handbooks and texts to special treatises in restricted fields and bound journal sets. The current numbers of all the more important physical journals are kept on file, and the files of bound volumes extend back as far as about 1860 or to the date of beginning of the publication.

Requirements for Graduate Study

Prerequisite Courses.—Candidates for the degree of Master of Arts with physics as major subject will be required to offer as preliminary to their graduate work Physics 1 or 2 or 38, and Physics 422, or their equivalent, and in addition two advanced courses in physics and one course in calculus—the equivalent of Mathematics 3.

M.A. Degree Requirements.—The graduate major work for the M.A. degree will consist of three additional advanced courses in physics (including the thesis). These courses must be selected in consultation with one or more of the professors of the Physics Department, and must include at least two courses of S or G rank. The minor subject

or subjects must be chosen in consultation with, or subject to the approval of, the professors of the Physics Department.

Ph.D. Degree Requirements.—Students desiring to become candidates for the degree of Doctor of Philosophy with physics as major subject must fulfill the requirements as set forth for admission to graduate work leading to the M.A. degree and in addition must have a reading knowledge of French and German. The graduate work will require a minimum of three years beyond the degree of Bachelor of Arts. Two-thirds of this work (including the thesis) is to be devoted to the major subject, and one-third to the minor or minors. The work offered in physics must include at least one advanced course in each of the main fields of physics—mechanics, heat, light, and electricity and magnetism. Work done toward the degree of Master of Arts with physics as major subject may very properly be included in that which is offered for the doctor's degree.

The number of courses or years of study are, however, not to be regarded as in any way fulfilling the requirements for the Ph.D. degree. Greatest importance is attached to the research upon which the thesis is based. This must not only be a real contribution to scientific knowledge, but must exhibit a high order of resourcefulness, independent thinking, and experimental skill on the part of the candidate.

The examination must demonstrate a broad general acquaintance with all the main fields of the subject matter, whether covered by specific courses taken by the candidate or not, and a more minute and intimate knowledge of a limited number of fields, especially the field in which the thesis work is done.

Mathematics or chemistry or electrical engineering will in general be the most suitable minors. A thorough preparation in mathematics is so essential to the pursuit of advanced work in physics that the amount of work required for a minor in mathematics may be regarded as practically indispensable.

Preliminary Courses for Undergraduates

1. *F. General Physics.*—Three lectures and two laboratory hours.
2. *F. General Physics.*—For women students. Three lectures and two laboratory hours.

38. *F. Mechanics and Heat.*—Fall and winter terms: mechanics of solids and fluids; spring term: heat. Three lectures and two laboratory hours.

422. *I. Second-Year Physics.*—Fall and winter terms: magnetism and electricity; spring term: light and sound. Prerequisites: Mathematics 1, and Physics 1, or 2 or 38. Three lectures and three laboratory hours.

For Undergraduates and Graduates

Physics 422 and a course in calculus are prerequisite to the following courses in physics:

[33. A. *Photography and Light*.—Fall term: photography; winter and spring terms: optics. Lectures and laboratory practice, equivalent to three classroom hours a week. Laboratory fee: Fall term, \$6; winter and spring terms, \$3; total, \$9. MW 12. Laboratory hours: F 2-5. Professor KUEHNE. (Given in alternate years; not given in 1926-1927.)]

35. A. *Elementary Mechanics*.—Application of calculus to the elementary principles of statics and dynamics, and the use of these principles in special problems. Lectures and laboratory practice equivalent to three classroom hours. TTS 10. Professor ROMBERG. (Given in alternate years; given in 1926-1927.)

105f. A. *Elementary Electron Theory*.—Introduction to the modern electron theory of matter, based upon original researches in electric discharge through gases, radioactivity, etc. TTS 10. Professor KUEHNE.

252ws. A. *Introduction to Wireless Telegraphy and Telephony, Including the Use of the Vacuum Tube*.—Lectures, demonstrations, and laboratory practice in the generation and detection of electric waves, with especial emphasis on the uses of the vacuum tube as a generator, detector, and amplifier. Prerequisite: Physics 105. Two lectures and one laboratory period per week. Laboratory fee, \$3. TT 10. Laboratory hours: Th 2-5. Professor BROWN.

An advanced course in physics or Electrical Engineering 20 is prerequisite to the following courses in physics.

4. S. *Electricity and Magnetism*.—Fundamental principles of electricity and magnetism as a foundation for further practical or theoretical studies in the subject. Professor MATHER. (Given in alternate years; given in 1926-1927.)

[39. S. *Advanced Heat and Thermodynamics*.—Special topics in heat, including practice in modern methods of measuring temperature; the elements of thermodynamics. Lectures and laboratory practice equivalent to three classroom hours. Laboratory fee, \$4.50. MWF 10. Professor ROMBERG. (Given in alternate years; not given in 1926-1927.)]

231. S. *Electrical Measurements*.—Advanced magnetic, electric, and photometric measurements. Prerequisite or parallel: Physics 4 or 252, or Electrical Engineering 20. Lectures and laboratory practice equivalent to two classroom hours. Laboratory fee, \$4.50. Tu 9. Laboratory hours: Section 1, F 2-5; Section 2, Th 2-5. Professor MATHER.

For Graduates

An advanced course in the special field, and either another advanced course in physics or Electrical Engineering 20 or Chemistry 50, are prerequisite to the following courses in physics.

[7. *G. The Elements of Electromagnetic Theory.*—Prerequisite: Physics 4 and Mathematics 13. Professor MATHER. (Given in alternate years; not given in 1926–1927.)]

13. *G. Advanced Optics.*—Selected topics in experimental physical optics, and elements of the electromagnetic theory of light. Laboratory practice with plane and concave gratings, interferometer, echelon, etc. Two lectures and three laboratory hours. Laboratory fee, \$4.50. Professor KUEHNE. (Given in alternate years; given in 1926–1927.)

40. *G. Electric Waves.*—Fundamental theory of vibratory motion and wave analysis, including electrical oscillations and electromagnetic radiations, with laboratory practice in radio instruments. Laboratory fee, \$4.50. Professor BROWN. (Given in alternate years; given in 1926–1927.)

[41. *G. Introduction to Modern Physics.*—An introductory study of the theories and experimental facts underlying the modern view of the structure of matter. Professor KUEHNE. (Given in alternate years; not given in 1926–1927.)]

[103. *G. Advanced Electric Waves.*—Prerequisite: Graduate standing in physics and consent of the instructor. Professor BROWN. (Omitted in 1926–1927.)]

[125. *G. Advanced Mechanics.*—Prerequisite: Graduate standing in physics and consent of the instructor. Professor ROMBERG. (Omitted in 1926–1927.)]

143. *G. Spectroscopy.*—Prerequisite: Graduate standing in physics and consent of the instructor. Professor KUEHNE.

DEPARTMENT OF PURE MATHEMATICS

MILTON BROCKETT PORTER, PH.D., *Professor of Pure Mathematics.*

EDWARD LEWIS DODD, PH.D., *Professor of Actuarial Mathematics.*

ROBERT LEE MOORE, PH.D., *Professor of Pure Mathematics.*

HYMAN JOSEPH ETTLINGER, PH.D., *Associate Professor of Pure Mathematics.*

HARRY SHULTZ VANDIVER, *Associate Professor of Pure Mathematics.*

LLOYD LEROY SMAIL, PH.D., *Associate Professor of Pure Mathematics.*

MARY ELIZABETH DECHERD, M.A., *Adjunct Professor of Pure Mathematics.*

PAUL MASON BATCHELDER, PH.D., *Adjunct Professor of Pure Mathematics.*

GOLDIE PRINTIS HORTON, PH.D., *Instructor in Pure Mathematics.*

EDWARD WILSON CHITTENDEN, PH.D., *Professor of Mathematics, University of Iowa*, Lecturer in Mathematics (Summer Session, 1926).

Facilities for Graduate Study

Most of the leading mathematical journals in complete or nearly complete sets are in the Library.

Requirements for Graduate Study

Prerequisite Courses: Pure Mathematics 1 and 3 (Calculus) are prerequisite to work in pure mathematics in the Graduate School; Pure Mathematics 205.I is also recommended. For admission to candidacy for a master's degree with mathematics as a major, credit for two advanced courses is required as a prerequisite.

M.A. Degree Requirements.—Students who plan to major in mathematics have a choice of several lines of progress, corresponding to the different subdivision of the subject. The student interested in analysis should take Pure Mathematics 11, followed by 14, 24, 29, 32, 38, 22, or 17; in algebra, 205, 106, 206, 136, or 236; in geometry, 10, 225, 115, or 107; in actuarial mathematics, 19 or 20; in foundations of mathematics, 26, 27, or 39.

Students who plan to minor in mathematics and major in physics or chemistry should take Pure Mathematics 3, 12, 22, 34, 35, 17, or 221; in business administration or the social sciences, 8, 9, 19, or 20. But the student should consult some member of the department, preferably the one under whom he expects to take his principal work.

Ph.D. Degree Requirements.—Students who expect to major in pure mathematics towards the degree of Doctor of Philosophy should consult the chairman of the department for advice concerning courses and special requirements.

Preliminary Courses for Undergraduates

The following courses are offered in addition to Pure Mathematics 1, which is the freshman course:

Intermediate Courses

3. *Calculus.*—If before taking Pure Mathematics 3, the student has four, five, or six thirds of mathematics, Pure Mathematics 3 will count as one, two, or three-thirds advanced.

205ws. I. *Algebra—Theory of Equations.*

115s. I. *Solid Analytic Geometry.*

225fw. I. *Descriptive Geometry.*

9. I. *Mathematics of Finance.*

For Undergraduates and Graduates

8. A. *Mathematical Statistics*.—Professor DODD.
 10. A. *Introduction to Modern Analytic Geometry*.—Professor PORTER.
 19. A. *Actuarial Mathematics*.—Professor DODD.
 35. A. *Elementary Mechanics*.—Joint course for Pure Mathematics, Applied Mathematics, and Physics.
 106f. A. *Elementary Number Theory*.—Associate Professor VANDIVER.
 206ws. A. *Linear Transformations*.—Associate Professor VANDIVER.
 107f. A. *Ruler and Compass Constructions*.—Associate Professor ETTLINGER.
 126s. A. *Introduction to Foundations of Geometry*.—Professor MOORE.
 11. S. *Advanced Calculus*.—Professors PORTER, MOORE, DODD.
 12. S. *Analytical Mechanics*.—Associate Professor ETTLINGER.
 20. S. *Probability*.—Professor DODD.
 22. S. *Differential Equations and Applications*.—Associate Professor ETTLINGER.
 136f. S. *Finite Groups*.—Associate Professor VANDIVER.
 236ws. S. *Algebraic Solvability*.—Associate Professor VANDIVER.

For Graduates

14. G. *Introduction to Modern Analysis*.—Professor PORTER.
 17. G. *Partial Differential Equations; Fourier's Series; the Newtonian Potential Function*.—Associate Professor ETTLINGER.
 24. G. *Analytic Functions*.—Professor PORTER.
 26. G. *Foundations of Mathematics*.—Professor MOORE.
 27. G. *Point-sets and Continuous Transformations*.—Professor MOORE.
 29. G. *Analytic Probability*.—Professor DODD.
 32. G. *Infinite Processes*.—Associate Professor SMAIL.
 34. G. *Selected Topics in Mathematical Physics*.—Associate Professor ETTLINGER.
 38. G. *Theory of Functions of Real Variables*.—Professors PORTER, MOORE, DODD.
 39. G. *Research in Point-set Theory*.—Professor MOORE.

DEPARTMENT OF ROMANCE LANGUAGES

- LILIA MARY CASIS, M.A., *Professor of Romance Languages*.
 ERNEST JOSEPH VILLAVASO, M.A., *Professor of Romance Languages*.
 ELMER RICHARD SIMS, M.A., *Professor of Romance Languages*.

- CLYDE CHEW GLASCOCK, PH.D., *Professor of Romance Languages.*
 CLIFFORD MARTIN MONTGOMERY, M.A., *Associate Professor of Romance Languages.*
 AARON SCHAFER, PH.D., *Associate Professor of Romance Languages.*
 NINA LEE WEISINGER, M.A., *Adjunct Professor of Romance Languages.*
 KATHERINE ERNESTINE WHEATLEY, M.A., *Adjunct Professor of Romance Languages.*
 CARL ALVIN SWANSON, M.A., *Adjunct Professor of Romance Languages.*
 ARTURO TORRES-RIOSECO, M.A., *Adjunct Professor of Romance Languages.*
 ADOLPH BENJAMIN SWANSON, M.A., *Adjunct Professor of Romance Languages.*
- MARCEL MORAUD, Agrégé de l'Université de France, *Professor of French, Rice Institute, Lecturer in Romance Languages (Summer Session, 1926).*
 LUTHER APPEL PFLUEGER, PH.D., *Professor of Romance Languages, Texas Technological College, Lecturer in Romance Languages (Summer Session, 1926).*
 FRANK OTIS REED, PH.D., *Professor of Spanish, University of Arizona, Lecturer in Romance Languages (Summer Session, 1926).*

Facilities for Graduate Study

The Library of the University of Texas contains some 5,000 volumes dealing with Romance languages and literatures. These have been selected from the standpoint of the needs of advanced students and include nearly all the important philological journals and fundamental books of reference for the study of French and Spanish. They can supply orientation for most subjects in this field and the material for the solution of many problems. In addition to these volumes, the library contains the García collection, which is especially rich in material dealing with Mexican literature and with the languages spoken in Mexico.

Requirements for Graduate Study

Prerequisite Courses.—Beginning with the session of 1927–1928, before beginning work for the M.A. degree, students will be required to present two advanced courses* in the language studied, and two courses in some other foreign language. Students will be admitted to candidacy for the degree who have credit for only one advanced

*An advanced course in the Department of Romance Languages is one taken after the completion of three college courses in that language; that is to say, French or Spanish A, 1, 2, or the equivalent.

course, but in that case another advanced course must be completed subsequently in addition to the work required for the degree. The prerequisite for 1926-1927 is one advanced course for both French and Spanish, and for Spanish in addition three courses in English, Latin 1, and French A and 1.

M.A. Degree Requirements.—In accordance with the general regulations covering the M.A. degree, students majoring in French or Spanish will be required to complete three advanced or graduate courses in the language studied, with a grade of *A* or *B*. The dissertation counts as one of these courses, and of the two remaining courses one must be a course in the history of French or Spanish literature (French 8 or Spanish 16), unless this course has been offered as a prerequisite. In addition to the major requirements, two advanced courses must be completed in some other subject, these courses to be selected after consultation with the Dean of the Graduate School and the department.

Ph.D. Degree Requirements.—At present the department offers only minor work for the degree of Doctor of Philosophy. Concerning the necessary courses and minimum requirements for this work the student should consult the chairman of the department. In the near future the department expects to offer major work for the doctor's degree.

FRENCH

For Undergraduates and Graduates

8. *A. Outline History of French Literature.*—Survey of the history of French literature. MWF 12. Adjunct Professor A. B. SWANSON.

14. *A. Advanced Composition.*—Conversation and grammatical drill for advanced students. Formal study of grammar, reproduction, and original composition. MWF 9. Professor VILLAVASO.

75. *A.—History of the French Drama Since 1636.*—MWF 10. Associate Professor SCHAFFER. (Given in alternate years; given in 1926-1927.)

[90. *A. A History of the French Novel.*—Emphasis will be on the modern period. Associate Professor SCHAFFER. (Given in alternate years; omitted in 1926-1927.)]

[92. *A. History of French Literary Criticism.*—Survey of origin and development of French literary theory, with selected readings stressing the critics of the nineteenth century. Adjunct Professor C. A. SWANSON. (Given in alternate years; omitted in 1926-1927.)]

93. *A. History of French Lyric Poetry.*—Emphasis will be on the modern period. TTS 9. Adjunct Professor WHEATLEY. (Given in alternate years; given in 1926-1927.)

101f. *A. Phonetics.*—Description of French sounds, with practice in their pronunciation. MWF 11. Professor VILLAVASO.

102w. A. *History of the French Language*.—Introduction to the history of the sounds and forms of French, with some attention to the external history of the language. MWF 11. Professor VILLAVASO.

103s. A. *Methods and Books*.—Discussion of the methods now used in teaching French, and a critical examination of some of the books commonly employed in teaching French in this country. MWF 11. Professor VILLAVASO.

For Graduates

112w. G. *Old French Literature*.—Professor VILLAVASO.

113w. G. *Molière*.—Associate Professor SCHAFER.

115f. G. *Old French Language*.—Professor VILLAVASO.

Thesis. G. Conference.

SPANISH

For Undergraduates and Graduates

31. A. *Romanticism in Spain*.—The course begins with an introductory survey of Neo-classicism and the elements of Romanticism in the eighteenth century, followed by a comprehensive study of the Romantic movement proper, in drama, novel, and comedy. Adjunct Professor ARTURO TORRES-RIOSECO.

[4. A. *Spanish Classical Drama*.—Consideration of the works and influence of the great dramatists of the seventeenth century. To be conducted largely in Spanish. TTS 11. Professor CASIS. (Given in alternate years; omitted in 1926–1927.)]

8. A. *Spanish Classical Prose*.—The important movements in Spanish prose from the *Celestina* until the middle of the seventeenth century. To be conducted largely in Spanish. Professor CASIS. (Given in alternate years; given in 1926–1927.)

[15. A. *Modern Spanish Novel*.—Study of the nineteenth century novel with emphasis on the regional novel. To be conducted largely in Spanish. MWF 12. Associate Professor MONTGOMERY. (Given in alternate years; omitted in 1926–1927.)]

16. A. *History of Spanish Literature*.—General survey of Spanish literature, stressing the important movements and writers. To be conducted largely in Spanish. MWF 11. Professor SIMS.

18. A. *Modern Spanish Drama and Poetry*.—Study of drama and poetry in the nineteenth century. To be conducted largely in Spanish. Associate Professor MONTGOMERY. (Given in alternate years; given in 1926–1927.)

25. A. *Spanish-American Literature*.—Survey of some important literary movements of the Spanish-American nations. To be conducted largely in Spanish. TTS 12. Adjunct Professor WEISINGER.

27. A. *Advanced Composition*.—A formal study of the grammar; reproduction; original composition. To be conducted largely in Spanish. MWF 10. Professor CASIS.

28. A. *Spanish Civilization*.—Stress will be laid chiefly on language, literature, and arts. Historic factors will be briefly reviewed. To be conducted largely in Spanish. TTS 10. Professor GLASCOCK.

123. A. *Teachers' Course in Spanish*.—Same as Education 123.

For Graduates

17. G. *Old Spanish*.—Menendez Pidal's *Manual elemental de Gramática histórica española* (fourth edition); Hanssen's *Gramática histórica de la lengua castellana*; Ford's *Old Spanish Readings*; Grandgent's *Vulgar Latin*; readings from Old Spanish. Professor CASIS.

20. G. *Conference Course*.—Character of work to vary. Credit received to depend upon amount and quality of work done by the student.

DEPARTMENT OF ZOOLOGY

JOHN THOMAS PATTERSON, PH.D., *Professor of Zoology*.

DANA BRACKENRIDGE CASTEEL, PH.D., *Professor* of Zoology*.

THEOPHILUS SHICKEL PAINTER, PH.D., *Professor of Zoology*.

HERMANN JOSEPH MULLER, PH.D., *Professor of Zoology*.

ELMER JULIUS LUND, PH.D., *Professor of Zoology*.

Facilities for Graduate Study

The Department of Zoology occupies a part of the new Biological Laboratory building and is prepared to offer major work leading to the Master of Arts and the Doctor of Philosophy degrees. All modern facilities are provided in the new building, such as constant temperature rooms, photographic and dark rooms, animal rooms, etc., and the department is well equipped with optical and other special apparatus for work in the principal fields of research in zoology.

The Southwest offers exceptional opportunities for the study of animals because of the large variety of tropical and sub-tropical species which have come into this region from Mexico and the Central American States. In addition to this the city of Austin is so located that within a few miles of the University one may obtain the typical fauna of either the black prairie lands or the Edwards Plateau.

The Library facilities for zoology are exceptionally good. For many years the department has made a special point of completing its journal sets and at the present time it has complete files of all the important zoological journals of the world. Some idea of the library facilities offered may be gained from the fact that more

than seventy current zoological journals are subscribed for. In addition to the journal sets the Library contains the more important systematic and other standard reference works.

The principal branches of investigation being carried on actively at present are cytology, embryology, genetics, and physiology.

Requirements for Graduate Study

Prerequisite Courses.—The prerequisites for beginning major work in zoology vary somewhat with the special field in which the student intends to work. In general three college courses, one of which is advanced, will be required.

M.A. Degree Requirements.—The courses which should be taken for master's work vary with the special fields as indicated below. It is understood, however, that the sequences suggested are not rigidly fixed.

Cytology.—Prerequisite: Zoology 1, 4, 410 or their equivalent to be followed by Zoology 7, 29, Seminar, and Thesis.

Embryology.—Prerequisite: Zoology 1, 4, 410 or their equivalent to be followed by Zoology 7, 412, Seminar, and Thesis.

Genetics.—Prerequisite: three courses in zoology including Zoology 105 and 106 or their equivalent to be followed by Zoology 125, 226, 36, Seminar, and Thesis.

Physiology.—Prerequisite: three courses in zoology including Zoology 16 or its equivalent to be followed by Zoology 37, 36, Seminar, and Thesis.

As to minor work the student should present at least one other natural science.

Ph.D. Degree Requirements.—The general requirements for major work leading to the degree of Doctor of Philosophy are to be found elsewhere in this catalogue under "Requirements for Degrees." The courses which should be taken for major work in zoology will depend on the special field in which the student does his problem. For advice concerning these courses he should confer with the chairman of the department.

Preliminary or Prerequisite Courses for Undergraduates

1. *F. General Zoology.*—For students beginning the study of zoology. General survey of animal life, with emphasis upon the important phases of theoretical biology. Two lectures and four laboratory hours.

16. *F. Anatomy, Physiology, and Hygiene.*—Laboratory work includes, besides physiological experiments, dissection of a mammal, chemistry of food and digestion, microscope work in histology, and studies in reproduction.

3. I. Invertebrate Zoology.—Structures, modes of development, life-histories, and behavior of invertebrate animals, with special reference to insects. Prerequisite: Zoology 1. One lecture and six hours of laboratory or field work.

4. I. Vertebrate Zoology.—Laboratory study of dog-fish, necturus, turtle, bird, mammal, and perhaps other typical vertebrates. Prerequisite: Zoology 1 or 16. Two lectures, or one lecture and one quiz, and four hours of laboratory work.

17. I. General Physiology.—Fundamental physiological processes in animals; forms of animal behavior and relation of the central nervous system to motor reactions. Prerequisite: Sophomore standing, Chemistry 1, and one of the following courses: Zoology 16 or 4, or Botany 428. Two lectures and four laboratory hours. Laboratory fee, \$4.50. TT 2. Laboratory hours: TT 3-5. (Omitted in 1925-1926.)

104f. I. Principles of Zoology.—Open to students of sophomore standing who have had no previous training in zoology. This course should be followed by Zoology 106w and 105s, for which it is intended as a preparation.

106w. I. Heredity.—Elementary presentation of fundamental principles of heredity in their application to animals, plants, and mankind. Prerequisite: Sophomore standing and (1) Zoology 1 or 16, or Botany 1; (2) Zoology 1a, or 16a, or Botany 1a, with a grade of C; or (3) Zoology 104.

105s. Evolution.—Some of the topics considered are: The evidences for evolution; the method of evolution; the course which evolution has taken. Prerequisite: The same as for Zoology 106w.

For Undergraduates and Graduates

37. A. Advanced Physiology.—Study of the recent developments in advanced general physiology, planned for junior and senior students. Prerequisite: Chemistry 1 and Zoology 4 or Botany 428. Laboratory fee, \$6. TT 2 (XII). Laboratory hours: TT 3-5. Professor LUND.

108. A. Zoology Seminary.—Devoted to the presentation of research work done in the laboratory, and to the critical reviewing of new and important memoirs. Open to graduate students and to those undergraduates who show aptitude for zoological thought and have had at least two full courses in zoology. S 8. ZOOLOGY STAFF.

125s. A. Advanced Evolution.—Critical presentation of various evolution theories and problems. Degree credit given for either Zoology 105 or 125, but not for both. Prerequisite: Junior standing and two full courses in zoology or botany, including Zoology 226. MWF 10. Professor MULLER.

128. A. Zoology Seminary.—Continuation of Zoology 108, which is prerequisite. S 8. ZOOLOGY STAFF.

226fw. *A. Experimental Genetics*.—Study of the recent work in animal and plant genetics, planned for junior and senior students desiring more advanced training than given in Zoology 106w. Special readings and laboratory work required of those who have had Zoology 106w. Prerequisite: At least junior standing and two full courses in zoology or botany. Two lectures and three hours of laboratory work. Laboratory fee, \$3. MW 9. Professor MULLER.

410. *A. Cellular Biology and Embryology*.—First term devoted to cellular biology, second and third terms to general embryology. Open to students who have completed Zoology 1 and 4, or 1 and 3, or 16 and 4, and to juniors and seniors who have completed Zoology 1 with a grade of at least C and are taking Zoology 3 or 4. Zoology 3 or 4 must be completed before Zoology 410 can be counted toward the degree. Two lectures and six laboratory hours. Laboratory fee, \$6. TT 9. Laboratory hours: Section 1, MW 2-5; Section 2, TT 2-5. Professor PATTERSON.

7. *S. Advanced Zoology*.—For students beginning research, with special emphasis on technique and introduction to problems. Laboratory work and reading to the extent of at least nine hours. Prerequisite: One advanced course in zoology. Laboratory fee, \$3. W 8 (I). Professor PATTERSON and STAFF.

For Graduates

It is not anticipated that the following courses will all be given in the same year. The selections will depend on the needs and wishes of the students applying.

29. *G. Cytology*.—Prerequisite: Zoology 410. Professors PATTERSON, PAINTER.

33. *G. Problems in Vertebrate Zoology and Embryology*.—Continuation of 412. Prerequisite: Zoology 412. Professor PATTERSON.

34. *G. Problems in Invertebrate Zoology and Embryology*.—Prerequisite: Zoology 3 and 410. Professor CASTEEL.

35. *G. Problems in Genetics*.—Prerequisite: Zoology 226. Professor MULLER.

36. *G. Problems in Physiology*.—Prerequisite: Zoology 37. Professor LUND.

412. *G. Problems in Vertebrate Zoology and Embryology*.—Prerequisite: Zoology 4 and 410. Professor PATTERSON.

SCHOOL OF BUSINESS ADMINISTRATION

AMBROSE PARE WINSTON, PH.D., *Professor of Business Administration*.

EDWARD KARL MCGINNIS, J.D., *Professor of Business Administration*.

CHESTER FREDERIC LAY, M.A., *Professor of Accounting*.

ALONZO BETTIS COX, PH.D., *Professor of Business Administration*.

JAMES ANDERSON FITZGERALD, PH.D., *Professor of Business Administration; Dean of the School of Business Administration*.

PAUL J. THOMPSON, B.J., *Associate Professor of Business Administration.*

ALFRED HENRY RIBBINK, M.A., *Adjunct Professor of Business Administration.*

FREDERICK WELLS WOODBRIDGE, M.B.A., *Adjunct Professor of Business Administration.*

CARROLL DAY SIMMONS, M.B.A., *Adjunct Professor of Business Administration.*

CARL ALFRED REHM, M.A., *Adjunct Professor of Business Administration.*

Facilities for Graduate Study

A collection of materials which will constitute a special library for the School of Business Administration is in process of formation. Libraries elsewhere (as that of the Library of the American Institute of Accountants) are available for the use of our students.

The Bureau of Business Research about to be established will offer students an opportunity to participate in its work of investigations.

Requirements for Graduate Study

Prerequisite Courses.—For the degree of Master of Business Administration the candidate must present a prior degree of Bachelor of Arts or of Bachelor of Business Administration from the University of Texas, or an equivalent degree from another institution approved by the School of Business Administration and by the Dean of the Graduate School.

M.B.A. Degree Requirements.—With a view to specialization in some division of the work of the school, such as marketing, foreign trade, finance, statistics, or accounting. The courses and their sequence must be approved by the faculty of the School of Business Administration and by the Dean of the Graduate School.

Illustrations of approved sequences are:

In Accounting.—212, 216, 214, 232, 233.

In Cotton Marketing.—196, 199, 299, 137, 198, 197.

No student may register for "Business Research" without having had the S or A courses in his chosen field.

Of the five graduate courses required for the M.B.A. degree not fewer than three shall be business administration courses. To obtain the degree the student must have to his credit as undergraduate and graduate not fewer than ten courses in business administration.

Further details concerning the requirements for the degree of Master of Business Administration will be found elsewhere in this catalogue under "Requirements for Degrees."

NOTE.—Courses in Journalism are also given in the School of Business Administration.

Preliminary or Prerequisite Courses

The *Theory and Practice of Accounting* (B.A. 411) and *Elementary Economics* (Eco. 1) are prerequisites to beginning any field of specialization in Business Administration.

411. I. *Principles of Accounting*.—Managerial and other uses of accounting; interpretation of financial statements; the accounting process; sole owner, partnership, and simple corporation accounting. Three lectures and four laboratory hours a week. The last fourth of this course counts as an advanced third. Laboratory fee, \$1; key deposit, \$1. Prerequisite: Sophomore standing. Eleven sections. Professor LAY.

For Undergraduates and Graduates

23. A. *Business Law*.—Essentials of the law of contracts, agency, sales, partnership, negotiable instruments, private corporations, bankruptcy, presented in practical business problems; Texas statutes affecting these subjects. Not open to law students; not to be included among the courses presented for admission to the School of Law. Prerequisite: Economics 1; Junior standing. Section 1, MWF 8 (fall term only); Section 3, MWF 9. Professor MCGINNIS.

223w. A. *Business Law*.—The essentials of the law of contracts, agency, bailments, and sales presented in practical business problems; Texas statutes affecting these subjects. Not open to law students; not to be included among the courses presented for admission to the School of Law. Prerequisite: Economics 1, Junior standing. MS 11. Professor MCGINNIS.

39. A. *Court Reporting*.—Prerequisite: Business Administration 634, or its equivalent, with junior standing. MWF 8. Lecturer BICKLER; Instructor STULLKEN.

118w. A. *Principles of Salesmanship*.—Preparation for personal selling, analysis of the sales process; work of the sales manager and his problems. Practice will be given in the construction and delivery of sales talks. Prerequisite: Business Administration 218. MWF 11. Adjunct Professor REHM.

126f. A. *An Introduction to Foreign Trade*.—Economic principles of international trade; ocean transportation; telegraph and postal service; tariffs and commercial treaties; international investment. Prerequisite: Economics 1. TTS 11. Professor WINSTON.

122w. A. *An Introduction to Foreign Trade*.—Repetition of Business Administration 126f. Prerequisite: Economics 1. MWF 10. Professor WINSTON.

127f. A. *Property Insurance*.—Organization, technic and administration of property insurance companies, mutuals, and reciprocals; a study of policies, their features, relative merits, and price. Pre-

requisite: Business Administration 411 or Economics 1. MWF 12. Professor FITZGERALD.

137s. A. *Foreign Exchange*.—Problems of foreign exchange covering the financing aspect of foreign trade. Prerequisite: Business Administration 227. MWF 12. Professor FITZGERALD.

151f. A. *Office Management*.—The location, equipment, organization, and management of an office. Prerequisite: Economics 1 and Business Administration 411. MWF 2. Instructor STULLKEN.

[160s. A. *Governmental Accounting*.—Principles of governmental accounting. Prerequisite: Business Administration 411 and credit or registration for Business Administration 212. (Not given in 1926–1927.)]

[179. A. *Principles of Real Estate Practice*.—Real estate office organization; leasing and property management; valuation, financing, taxation. Prerequisite: Business Administration 218 and credit or registration for Business Administration 118. (Not given in 1926–1927.)]

189s. A. *Principles of Life Insurance and the Sale of Policies*.—Home office and agency relation, accounting reports and methods, policy structure, reserves and policy values, origin and function of surplus, trusts and fiduciary contracts, procedure in paying claims, analysis of standard and special policy forms, and the sale of policies. Prerequisite: Mathematic 9 and Business Administration 411. MWF 8. Adjunct Professor SIMMONS.

196f. A. *Cotton Marketing*.—A descriptive course dealing with such topics as evolution of markets and marketing practices; cotton markets and marketing in the United States; relationship between markets, the services performed in marketing cotton; and coöperative marketing. Prerequisite: Business Administration 218 and Economics 1. TTS 10. Professor COX.

196w. A. *Cotton Marketing*.—Repetition of Business Administration 196f. Prerequisite: Business Administration 218 and Economics 1. TTS 10. Professor COX.

199s. A. *The Internal Organization and Management of a Cotton Business*.—Description of the functions of various departments of a cotton firm; such as accounting, finance, transportation, purchases, sales, and classing. Approximately two-thirds of the course will be laboratory work in grading and stapling cotton in the classing room under the direction of a cotton merchant. Laboratory fee, \$5. Prerequisite: Business Administration 411 and 196. MWF 2–5. Adjunct Professor RIBBINK.

212f. A. *Advanced Accounting*.—Advanced theory, applied to the accounting process; partnership, corporation, and trust accounting; valuation; and interpretation of reports. Prerequisite: Business Administration 411. M–S 11. Professor LAY.

212w. A. *Advanced Accounting*.—Repetition of Business Administration 212f. Prerequisite: Business Administration 411. M-S 10. Adjunct Professor WOODBRIDGE.

218f. A. *Principles of Marketing*.—Place of marketing in our economic structure; the market functions analyzed; development of market structure by type products; special features and problems of our present market structure. (May be counted as a two-thirds course in Journalism.) Prerequisite: Economics 1. M-S 12. Adjunct Professor REHM.

218w. A. *Principles of Marketing*.—Repetition of Business Administration 218f. (May be counted as a two-thirds course in Journalism.) Prerequisite: Economics 1. M-S 12. Adjunct Professor REHM.

218s. A. *Principles of Marketing*.—Repetition of Business Administration 218f. (May be counted as a two-thirds course in Journalism.) Prerequisite: Economics 1. M-S 12. Adjunct Professor REHM.

220w. A. *Commercial Resources*.—A study of the more important commodities of commerce and the industries related to them, with reference to the general economic and geographic principles and conditions affecting them. In connection with the study of commodities, the regional economic geography of North America will be presented. Prerequisite: Economics 1. M-S 9. Professor COX.

224w. A. *Investments*.—Principles governing the proper investment of personal and institutional funds. Prerequisite: Economics 1, Business Administration 411, and either Business Administration 124 or Economics 102. M-S 8. Professor FITZGERALD.

224s. A. *Investments*.—Repetition of Business Administration 224w. Prerequisite: Economics 1, Business Administration 411, and either Business Administration 124 or Economics 102. M-S 10. Professor FITZGERALD.

226f. A. *Foreign Trade*.—Economic organization of the United States and of certain other countries (money, banking, transportation, etc.) as it affects trade and trade methods between nations; study of work of the international trader; including methods of developing, conducting, and financing foreign trade. Prerequisite: Economics 1 and credit or registration for Business Administration 126. M-S 9. Professor WINSTON.

227f. A. *Short-Term Finance*.—Operations of commercial banks, both state and national, trust companies and other credit-granting institutions, in their relation to business; credit analysis. Prerequisite: Economics 1, and Business Administration 411a or its equivalent. M-S 11. Professor FITZGERALD.

227w. A. *Short-Term Finance*.—Repetition of Business Administration 227f. Prerequisite: Economics 1, and Business Administration 411 or its equivalent. M-S 11. Professor FITZGERALD.

228f. A. Cost Accounting.—General principles of cost accounting. Prerequisite: Business Administration 411 and credit or registration for Business Administration 212. M-S 9. Adjunct Professor RIBBINK.

229f. A. Business Statistics.—Training in the quantitative methods of analysis in dealing with the problems of business management. The use of graphic methods in presenting data; the organization and description of data; the frequency distribution; types of averages; index numbers; measures of variation and skewness; organization and analysis of time series; the problems of correlation and the business cycle. Prerequisite: Economics 1 and Mathematics 1. M-S 8. Adjunct Professor SIMMONS.

229w. A. Business Statistics.—Repetition of Business Administration 229f. M-S 8. Adjunct Professor SIMMONS.

[*230s. A. Industrial Management.*—Location, equipment, organization, and management of industrial enterprises. Students are advised to take Economics 214 before taking this course. Prerequisite: Economics 1 and Business Administration 411. (Not given in 1926-1927.)]

238s. A. Latin-American Trade.—One country, Mexico, is chosen for the chief subject of study with reference to the trade of the nation (especially with the United States) as the basis of its economic life; comparison between Mexico and other Latin-American countries in this respect. Prerequisite: Government 1. M-S 11. Professor WINSTON.

243s. A. Business Law.—The essentials of the law of negotiable instruments, partnerships, private corporations and bankruptcy; the solution of business law problems given in regular C.P.A. examinations. Not open to law students; not to be included among the courses presented for admission to the School of Law. Prerequisite: Business Administration 223. M-S 11. Professor MCGINNIS.

250f. A. Business Correspondence.—The use of correct and forceful English for business purposes. Prerequisite: English 1 and either 2 or 3, with an average grade of not less than C on the two courses (otherwise, English 1, 2, and 3), and Business Administration 411 and 0134 (or 634). M-S 10. Instructor FRAZER.

250w. A. Business Correspondence.—Repetition of Business Administration 250f. M-S 12. Instructor FRAZER.

250s. A. Business Correspondence.—Repetition of Business Administration 250f. M-S 8. Instructor FRAZER.

134f. S. Retail Store Management.—Organization of retail stores by types; managerial problems of merchandising; accounting records as devices of control. Prerequisite: Business Administration 411 and 218. MWF 11. Adjunct Professor REHM.

157s. S. Bank Administration.—Problems in the organization and management of credit-granting institutions. Prerequisite: Business Administration 411, 227, and either Business Administration 124 or

Economics 102; or Business Administration 411 and Economics 12. TTS 11. Professor FITZGERALD.

197s. S. Price Making in Produce Markets.—An analysis of market facilities and market operations; an analysis of price, and statistical measurement of price-making forces. The course will deal primarily with cotton and the cotton market. Prerequisite: Economics 1, Business Administration 196 and 229. TTS 10. Professor COX.

198s. S. Cotton Marketing in Europe.—Study of underlying principles of cotton exporting; a description of facilities for cotton exporting; and an analysis of European markets and marketing methods. Prerequisite: Economics 1 and Business Administration 137, 196, and 229. MWF 9. Professor COX.

208s. S. Market Management.—Organization for market control; the devices used in that control with an analysis of the possibilities and limitations of each; the correlation of the devices in affecting market control. Prerequisite: Business Administration 411, 218, and 229. M-S 8. Adjunct Professor REHM.

214f. S. Auditing.—Auditing procedure; balance sheet and detailed audits; special investigations; working papers and reports. Prerequisite: Business Administration 411 and 212. M-S 10. Adjunct Professor WOODBRIDGE.

216s. S. Advanced Accounting.—Accounting for inter-company relations, domestic and foreign; estate accounting; liquidation and insolvency. Prerequisite: Business Administration 212. M-S 10. Adjunct Professor WOODBRIDGE.

232w. S. Income Tax Accounting and Procedure.—Relation of the Federal income tax to individuals, to business management, and to accounting principles and practice; preparation of returns. Prerequisite: Business Administration 212. M-S 9. Professor LAY.

233s. S. C.P.A. Problems.—Solution of problems given in regular C.P.A. examinations and by the American Institute of Accountants. Prerequisite: Business Administration 411, 212, 214, 216, and 232. M-S 12. Instructor SMITH.

240s. S. Business Control.—Work of general manager and comptroller; policy formation; coördination of selling, advertising, purchasing, producing, recording, and financing; determination of standards; budgeting control; uniform business procedure. Cases and problems in organization and management. Prerequisite: Business Administration 218, 227, 229, and either Business Administration 124 or Economics 102. M-S 9. Professor LAY.

131 or 231 or 31. S. Seminar.—Advanced work by the student in his specialty. Theses and reports. Counts as one-third, two-thirds, or a full course, according to the amount of work done. Prerequisite: Business Administration 411, credit for an advanced course in the field in which the seminar is taken, and the consent of the instructor. Section 1, Foreign Trade, M 3, Professor WINSTON; Section 2, Cotton, Tu

3, Professor COX; Section 3, Accounting and Management, W 3, Professor LAY; Section 4, Business Law, M 3, Professor MCGINNIS; Section 5, Business Forecasting, W 3, Professor FITZGERALD; Section 6, Marketing, Tu 3, Adjunct Professor REHM.

For Graduates

G. Business Research.—Candidates for the Master of Business Administration degree should register for this course. Credit given on the basis of the work done in the preparation of thesis. Prerequisite: Completion of the underlying courses in the chosen field. Business Administration Staff.

JOURNALISM

For Undergraduates and Graduates

Courses in journalism may not be counted as graduate courses leading to the Master of Arts degree.

15. *A. Editorial Writing and Direction.*—Development and importance of the editorial; editorial subject matter, policies, purposes, structure, style; the editorial page, features and make-up; editorial training, responsibility and opportunity. Lectures, class discussions, written work, written and oral criticism of individual work. Prerequisite: Journalism 12. MWF 10. Lecturer MCGILL.

17. *A. Feature Story Writing.*—Writing of feature stories and other special stories and interviews, including application of illustrations to such writings. Prerequisite: Journalism 12. MWF 11. Mr. HORNADAY.

23. *A. Business Management of Newspapers.*—The organization and duties of the circulation department; the system of handling subscriptions and the delivery of the newspaper; promotion methods and ideas; advertising salesmanship, rates and departmental procedure. Prerequisite: Senior standing and one full course in journalism. TTS 11. Associate Professor THOMPSON.

Other Courses Accepted for Journalism Credit

English 241f. A. The Short Story.—Prerequisite: English 2 or 3. Two sections. TTS 9. Associate Professors CLICK, DOBIE.

Business Administration 218f, 218w, 218s. A. Principles of Marketing.—Prerequisite: Economics 1. M-S 12. Adjunct Professor REHM.

SCHOOL OF EDUCATION

WILLIAM SENECA SUTTON, M.A., LL.D., *Professor of Educational Administration.*

- *ALEXANDER CASWELL ELLIS, PH.D., *Professor of Philosophy and Psychology of Education.*
- JOSEPH LINDSEY HENDERSON, PH.D., *Professor of the Art of Teaching and Secondary Education.*
- FREDERICK EBY, PH.D., *Professor of History of Education.*
- CLARENCE TRUMAN GRAY, PH.D., *Professor of Psychology of Education.*
- BENJAMIN FLOYD PITTENGER, PH.D., *Professor of Educational Administration; Dean of the School of Education.*
- FRED C. AYER, PH.D., *Professor of Educational Administration.*
- HERSCHEL THURMAN MANUEL, PH.D., *Associate Professor of the Philosophy of Education.*
- HELEN LOIS KOCH, PH.D., *Adjunct Professor of the Philosophy of Education.*
- CLARA MAY PARKER, M.A., *Adjunct Professor of the Art of Teaching.*
- IRA IRL NELSON, M.A., *Adjunct Professor of the Art of Teaching.*
- WILLIAM FRANKLIN LEDLOW, PH.D., *Adjunct Professor of the History of Education.*
- †FREDERICK JOSEPH ADAMS, M.A., *Instructor in the Philosophy of Education.*
- HOMER WALKER JOSSELYN, PH.D., *Research Investigator General Education Board, Rockefeller Foundation, Lecturer in Educational Administration (Summer Session, 1926).*
- HOMER P. RAINEY, PH.D., *Associate Professor of Education, University of Oregon, Lecturer in Educational Administration and History of Education (Summer Session, 1926).*
- ALVIN LEMUEL RHOTON, M.A., *Professor of Education, Pennsylvania State College, Lecturer in History of Education (Summer Session, 1926).*
- GEORGE WALTER WILLETT, PH.D., *Principal High School, LaGrange, Illinois, Lecturer in the Art of Teaching (Summer Session, 1926).*

Facilities for Graduate Study

The School of Education possesses equipment and staff sufficient to provide the necessary major or minor work required for the degrees of Master of Arts, Master of Education, and Doctor of Philosophy. At present this work is provided in the following fields: Art of Teaching, Educational Administration, Educational Psychology, History of Education, Philosophy of Education, and Secondary Education.

*Resigned June, 1926.

†Absent on leave for the session 1926-1927.

Facilities are good for the study of education at the University of Texas. The Austin public school system, with its nine ward schools and well-equipped junior and senior high schools, includes schools for whites, for negroes, and for Mexicans. Through the courtesy of the school authorities, opportunity is provided not only for student-teaching under supervision, but for various types of educational investigation. There are located also in Austin the State schools for the blind, the deaf, and the feeble-minded. These, together with a large State hospital for nervous diseases here, offer rare facilities for the study of educational psychology, for practice in experimental and test work, and for investigation of the problems connected with the education of the defective classes. During the summer term, a special University Demonstration School of eight grades is carried on. The early extension of this school to the winter term is promised.

Through the Bureau of School Inquiry of the Division of Extension and its extension courses, the School of Education is in intimate touch with numerous other leading city and town school systems, through which its students may obtain experience in giving tests and in other forms of practical work, and may secure data for practice in manipulation, or for purposes of investigation.

The University Library contains practically all of the modern works of value on education, including complete sets of all the leading educational journals in English and of the most important foreign journals. A moderate annual fund is available for the purchase of special library material needed in investigations from time to time by advanced students. The State Library and the State Department of Education are also located in Austin, and are rich in material for the study of the legal and historical aspects of Southwestern education.

The University Education Building is one of the best equipped in the country. In addition to the usual classrooms and offices, there are a large room for demonstration teaching; a large well-equipped introductory laboratory room, with adequate instruments and filing room; a large advanced laboratory room, with adjoining workshop, dark room, and room for photographic work; a small, well-equipped anthropometric room; five small research rooms, and a seminar room.

The Peabody Scholarship in Education, established by the Peabody Education Fund, is awarded annually to one or more advanced students in the School of Education. The usual stipend is \$400. Rules governing the award of the scholarship are: (1) It shall be awarded by the faculty of the School of Education at its regular session in April of each year; (2) it shall be granted to the candidate who possesses in the highest degree the qualities of leadership in the field of education, general personality as well as scholastic attainments to be considered; (3) the candidate must have attained senior academic

standing, and must have two courses in education to his credit before he can receive the income from the scholarship fund; (4) the scholarship may not be held by the same individual for a longer period than three years.

Students in the School of Education are also eligible to election to the University Fellowships and Scholarships established by the Board of Regents. (See pp. 35-39.)

Requirements for Graduate Study

Prerequisite Courses.—The pursuit of graduate work leading to the Master of Arts or Doctor of Philosophy degree, with a major in Education, must be based upon the completion of the requirements for the degree of Bachelor of Arts, or its equivalent. Work leading to the Master of Education degree must be based upon the requirements for the Bachelor of Arts or the Bachelor of Science in Education degree at this University, or their equivalent. It is further required that work in education which may be counted as a major toward any graduate degree in Education shall be based upon a minimum of two advanced courses in education, this requirement to become effective with students entering at the beginning of the Long Session 1927-1928.

M.A. and M.Ed. Degrees Requirements.—A candidate for the Master of Arts degree with a major in education, or for the Master of Education degree, is required to complete at least one S or G course in the field of education in which his thesis lies; and if the thesis lies in the field of Educational Administration, this requirement shall be extended to include one other related advanced, S, or G course approved by the director of the thesis.

Ph.D. Degree Requirements.—Students seeking the degree of Doctor of Philosophy with a major in education shall be governed, beyond the general requirements of the Graduate School, by their respective supervisory committees, under the following regulations:

The student shall be required to pass a preliminary examination before admission to candidacy for the degree, which must be held at least one year prior to the conferring of the degree and preferably at the end of the first year of graduate work. This examination may, at the option of the committee, be oral or written and shall cover the principal fields of education, as offered in the University of Texas.

The selection and sequence of courses shall be subject in each case to approval of the supervisory committee, with a view to insuring proper breadth and concentration.

Preliminary or Prerequisite Courses

1. *F. Introductory Course in Education.*

1a: *Psychology of Learning.*

1b: *Psychology of Behavior.*

1c: *Principles of Methods in Teaching.*

104. *Child Study.*

117. *School Organization and Management.*

137. *Introduction to High-School Teaching.*

For Undergraduates and Graduates

ART OF TEACHING

100f. A. *Methods and Materials for the Primary Grades.*—An examination of the basal subjects and materials for the first three grades to determine the selection and organization of subject matter adapted to the needs of children of this age. Prerequisite: Education 1, 104, 117, and 137. MWF 11. Adjunct Professor EARHART.

118f. A. *Secondary Education: Psychology of Adolescent Control.*—Physical, mental, and social changes which come during the adolescent period and bearings which these changes have upon adolescent control. Prerequisite: Junior standing; Education 1, 104, 117, and 137. TTS 11. Professor HENDERSON.

123. A. *Teachers' Course in Spanish.*—Preparation for teaching that is both scientific and practical. As much practice work as possible. Consideration of the amount to be taught and methods to be used. Prerequisite: Spanish 1 and either 2 or 22, and one course in education. M 2. Professor CASIS.

127. A. *Secondary Education: Principles of Teaching.*—Identical with the fall term of Education 27, for which it may be substituted. Prerequisite: Junior standing; Education 1, 104, 117, and 137. MWF 11. Professor HENDERSON.

129s. A. *Teachers' Course in History.*—Method of teaching history in secondary schools. Prerequisite: Two courses in history and one in education. TTS 8. (Given also as a third of a course in the Department of History.) Associate Professor WEBB.

153w. A. *Methods and Materials for the Intermediate Grades.*—An examination of the basal subjects and materials for grades four to six to determine the selection and organization of subject matter adapted to the teaching of these grades. Prerequisite: Education 1, 104, 117, and 137. MWF 11. Adjunct Professor EARHART.

172w. A. *Secondary Education: Psychology of High-School Subjects.*—Analysis of the mental functions involved in the subjects of the high school and study of psychological principles underlying their treatment. The course requires special individual investigation, class reports and a thesis. Prerequisite: Junior standing and Education 1, 104, 117, and 137. MWF 11. Professor HENDERSON.

192s. A. *Organization of the Elementary School.*—The place of the elementary school in education, its aims, types of organization, the relation of the teacher, and the supervisory and administrative officers to its purposes. Prerequisite: Education 1, 104, 117, and 137. MWF 11. Adjunct Professor EARHART.

193f. A. *Secondary Education: Origin, Ideals, Development, and Present Status of the Junior High School.*—Comprehensive survey of the literature on the junior high school will be made in this course. Prerequisite: Junior standing; Education 1, 104, 117, and 137. MWF 10. Adjunct Professor NELSON.

194w. A. *Secondary Education: Subject Matter and Methods of Teaching in the Junior High School.*—Textbooks available for use in the junior high school will be examined. Materials and methods will be illustrated. Prerequisite: Junior standing; Education 1, 104, 117, and 137. MWF 10. Adjunct Professor NELSON.

195s. A. *Secondary Education: Organization and Administration of the Junior High School.*—Administration of the program of studies, faculty coöperation, and student control will receive attention. Prerequisite: Junior standing; Education 1, 104, 117, and 137. MWF 10. Adjunct Professor NELSON.

27. A. *Student-Teaching.*—A study of principles of teaching, observation of class work, construction of lesson plans, and teaching, under supervision, in the Austin schools. Ordinarily, one period daily for six days a week will be required, but students are expected to have two consecutive hours, between 9 and 3 o'clock throughout the week, in order to facilitate making the teaching assignments. Required of all candidates for the degree in education or the permanent certificate. Prerequisite: Senior standing; Education 1, 104, 117, 137.

Students in this course will be divided into five sections in the fall term, and into eight sections in the winter and spring terms.

Fall Term

Section 2.—For all students not specializing in English, history, Latin, mathematics, sciences, modern languages, or elementary subjects. TTS 9. Professor HENDERSON.

Section 4.—For students specializing in English and Latin. TTS 9. Lecturer GANNAWAY.

Section 10.—For students specializing in mathematics, sciences, and modern languages. TTS 9. Adjunct Professor NELSON.

Section 12.—For students specializing in elementary subjects. TTS 9. Adjunct Professor EARHART.

Section 14.—For students specializing in history. TTS 9. Adjunct Professor BALDWIN.

Winter and Spring Terms

Section 4.—For students specializing in English. TTS 9. Lecturer GANNAWAY.

Section 6.—For students specializing in home economics. Laboratory fee, \$1.50. TTS 9. Associate Professor HEFLIN.

Section 8.—For students specializing in Latin. TTS 9. Adjunct Professor LAVENDER.

Section 10.—For students specializing in mathematics, sciences, and modern languages. TTS 9. Adjunct Professor NELSON.

Section 12.—For students specializing in elementary subjects. TTS 9. Adjunct Professor EARHART.

Section 14.—For students specializing in history. TTS 9. Adjunct Professor BALDWIN.

Section 16.—For students specializing in physical education. TTS 9. Instructor ANDERSON.

Section 18.—For students specializing in commercial subjects. TTS 9. Instructor STULLKEN.

120w. *A. Secondary Education: Courses of Study for High Schools.*—Changes in secondary schools resulting from religious, political, social, and economic conditions. Courses of study in Europe and America with special reference to high schools in Texas. Prerequisite: Senior standing; one advanced course in education. TTS 11. Professor HENDERSON.

121s. *A. Secondary Education: High-School Administration.*—Deals with the internal administration of the high school, its various types of organization and control, and its relation to other parts of the system and to the community. Prerequisite: Senior standing; one advanced course in education. TTS 11. Professor HENDERSON.

227fw. *A. Student-Teaching.*—Identical with the winter and spring terms of Education 27, for which it may be substituted. Prerequisite: Senior standing; Education 27a or 127.

EDUCATIONAL ADMINISTRATION

21. *A. School of Administration and Supervision.*—Practical problems that confront the supervisory officer, such as grading of schools, arrangement of courses of study, selection and professional improvement of teachers, relations of superintendent with school board and general public, etc. Prerequisite: Two introductory courses in education. MWF 11. Professor SUTTON.

110f. *S. Problems of School Support.*—The financial aspects of school administration. Prerequisite: One advanced course in education, preferably Education 21; Economics 1, and Business Administration 411 are also strongly advised. MWF 2. Professor PITTENGER.

131s. *S. Organization and Administration of the Public School Curriculum.*—Foundation principles underlying curriculum construction, reconstruction movements since 1900, present developments in coöperative construction and administration. Prerequisite: One advanced course in education, preferably Education 21. MWF 2. Professor PITTENGER.

189w. *S. School Buildings and Equipment.*—School building standards, selection of sites, building surveys and programs, planning and

construction, comparison of state building codes. Prerequisite: One advanced course in Education, preferably Education 21. MWF 2. Professor PITTENGER.

HISTORY OF EDUCATION

5. *A. History of Education.*—Studies from the ancient, medieval, and modern periods. The last term will be given to the history of American and Texas education. Required of students seeking the teacher's diploma. Prerequisite: Two full courses in education and junior standing. Section 1, MWF 9; Section 2, TTS 11; Section 4, TTS 9. Adjunct Professor LEDLOW.

5.3A. Same as Education 5.A; but more advanced, with extra work required. MWF 11. Professor EBY.

155s. *G. Seminar in the History of Texas Education.*—History of education in Texas. This course should be elected in conjunction with Education 254fw. Prerequisite: Education 5. W 4-6. Professor EBY.

254fw. *G. Seminar in the History of American Education.*—History of education in the United States, especially during the nineteenth century. Influence of sociological, psychological, and scientific developments upon educational thought and practice will be investigated as far as time allows. Prerequisite: Education 5. W 4-6. Professor EBY.

PHILOSOPHY AND PSYCHOLOGY OF EDUCATION

[17. *A. The Philosophy of Education.*—Critical study of the aims, values, relations, and principles of education in the light of their evolution and of modern scientific conceptions. Lectures, recitations, thesis. Prerequisite: Education 1, 104, 117, and 137, or their equivalent. MWF 9. (Not given in 1926-1927.)]

107s. *A. Vocational Guidance.*—Exposition and evaluation of present and former methods employed in attempting to assist children in their choice of vocational objectives. Prerequisite: Education 1, 104, 117, and 137, or their equivalent, and preferably an additional course in education or psychology, or teaching experience. TTS 10. Instructor ADAMS.

118f. *A. Secondary Education: The Psychology of Adolescence.*—For description, see the Department of the Art of Teaching. Professor HENDERSON.

144s. *A. Problems of Mental Hygiene in Education.*—Study of the relation of bodily conditions, such as glandular activity, fatigue, and disease poisons, to mental health and activity, followed by a study of such problems of mental hygiene as distribution of periods of effort and rest, and the production, removal, and prevention of "mental lesions" and "complexes." Prerequisite: Education 1, 104, 117, and

137, or their equivalent, and preferably an advanced course in psychology. MWF 11. Adjunct Professor KOCH.

[169. A. *The Psychology and Pedagogy of Adolescent Groups*.—(Omitted in 1926-1927.)]

171f. A. *Psychology of the Elementary School Subjects*.—Study of psychological processes involved in subjects of the elementary school curriculum: reading, writing, spelling, language, arithmetic, geography, music. Individual investigation and thesis. Prerequisite: Education 1, 104, 117, and 137, or their equivalent, and preferably an additional course in psychology. TTS 10. Instructor ADAMS.

172w. A. *Secondary Education: Psychology of High-School Subjects*.—For description, see the Department of the Art of Teaching.

173w. A. *Mental Tests*.—Measurements of general abilities and of character. Continuation of work begun in Education 176. Study of the technic of administering mental tests. Prerequisite: Education 1, 104, 117, 137, and 176, or their equivalent. MWF 10. Associate Professor MANUEL.

174w. A. *Statistical Methods*.—A study of the different methods of correlation. Prerequisite: Education 1, 104, 117, 137, and 176. MWF 2. Professor GRAY.

176f. A. *Educational Tests and Measurements*.—Theory and application of tests and measurements in education. Introduction to the measurement of general and special abilities. Typical methods of testing intelligence, character, and achievements in school subjects; elementary statistical terms and processes. Prerequisite: Education 1, 104, 117, and 137, or their equivalent. MWF 10. Associate Professor MANUEL.

190s. A. *The Practice of Educational Measurements*.—Measurement of educational processes and products. Continuation of work begun in Education 176. Study of the technic of administering tests in school subjects. Prerequisite: Education 1, 104, 117, 137, and 176, or their equivalent. MWF 10. Associate Professor MANUEL.

234fw. A. *The Psychology of Education: Advanced Course*.—Systematic presentation of the contributions of the various psychological methods to the psychology of education. Prerequisite: Education 1, 104, 117, and 137, or their equivalent, and preferably one advanced course in education and a course in psychology. MWF 11. Adjunct Professor KOCH.

112s. S. *Application of Mental Tests*.—Work with mental tests in solving practical or scientific problems in education. Preparation for supervising testing programs. Prerequisite: Education 1, 104, 117, and 137, or their equivalent; Education 173, 175, and 176; and preferably Education 174. MWF 2. Associate Professor MANUEL.

170s. S. *Application of Educational Measurements*.—Work with tests in school subjects in solving practical or scientific problems in

education. Preparation for supervising testing programs. Prerequisite: Education 1, 104, 117, and 137, or their equivalent; Education 175, 176, and 190; and preferably Education 174. MWF 2. Associate Professor MANUEL.

175f. *S. The Education of Exceptional Children.*—Educational treatment of differences in ability; and the education of children variously handicapped—for example, the blind, the deaf, and the crippled. Prerequisite: Education 1, 104, 117, 137, and 176, or their equivalent and an additional two-thirds advanced course in education. MWF 10. Associate Professor MANUEL.

182s. *S. Psychology of Learning: Advanced Course.*—Study of the process of learning and factors which condition it. Critical analysis of the technic of investigation employed in the solution of certain typical problems in the field. Lectures, recitations, thesis. Prerequisite: Education 1, 104, 117, and 137, or their equivalent, and Psychology 101 and an advanced course in psychology or education. MWF 11. Adjunct Professor KOCH.

For Graduates

ART OF TEACHING

58.1. *G. Thesis Seminar.*—Conference course for reporting and discussion of graduate theses in Secondary Education or the Art of Teaching. All students who are writing theses in the above fields for advanced degrees should enroll in this course. Credit will be granted to those whose theses are accepted. Professor HENDERSON.

78. *G. Seminar in Practical Problems in Secondary Education.*—For graduate students who desire to make intensive studies of special problems in methods, in subject matter, or in forms of control used in secondary schools. Work for 1926-1927 will be based upon the high-school program of studies. Prerequisite: Graduate standing; one advanced course in education; consent of the instructor. Tu 7-9 P.M. Professor HENDERSON.

EDUCATIONAL ADMINISTRATION

58.2. *G. Thesis Seminar.*—For students writing graduate theses in Educational Administration. See description, 58.1. Professor PITTEGER.

68. *G. Seminar in Educational Administration.*—For graduate students engaged in individual research in problems in educational administration and supervision. Prerequisite: Graduate standing and one advanced course in education. Th 4-6. Professor PITTEGER.

101. *G. The Survey of School Systems.*—Purposes, methods, and results of school surveys. Prerequisite: Graduate standing and one advanced course in education. The completion of Education 21, also, is desirable. T 11. Professor SUTTON.

119. *G. Seminar in the Administration of Higher Education.*—The administration of the curricula and the government of the modern college and university. Once a week at an hour convenient to the class. Prerequisite: Graduate standing and one advanced course in education. Professor SUTTON.

HISTORY OF EDUCATION

50. *G. Research Course.*—Work carried on individually by conferences with instructor. Prerequisite: Graduate standing; Education 5, and consent of instructor. Professor EBY.

58.3. *G. Thesis Seminar.*—For students writing graduate theses in the History of Education. See description, 58.1. Professor EBY.

157. *G. The Junior College.*—The history, functions, organization, and administration of the junior college. Designed to prepare those who expect to administer or to teach in these institutions. Will meet once a week at an hour convenient to the members of the class. Prerequisite: Graduate standing and one advanced course in education. Professor EBY.

PHILOSOPHY AND PSYCHOLOGY OF EDUCATION

33. *G. Research: Seminar in the Psychology of Education.*—Investigation of special problems in the psychology of education selected in conference with the instructor. Prerequisite: Education 1, 104, 117, and 137, or their equivalent, one advanced course in the psychology of education, graduate standing, and the consent of the departmental faculty. Professor GRAY; Associate Professor MANUEL; Adjunct Professor KOCH; Instructors ADAMS, DIMMITT.

[44. *G. Seminar in the Philosophy of Education.*—Individual investigation of special topics; reports and thesis. For 1926–1927 a study of the possibilities of the school as a means of developing higher sense of social obligation and greater capacity for meeting this obligation intelligently. Prerequisite: Education 1, 104, 117, and 137, or their equivalent; one advanced course in education; senior or graduate standing. One two-hour meeting per week. M 7–9 P.M. (Not given in 1926–1927.)]

58.4. *G. Thesis Seminar.*—For students writing graduate theses in the Philosophy or Psychology of Education. See description, 58.1. Professor GRAY.

147s. *G. Experimental Problems in the Psychology of Reading.*—The application of experimental procedure to a limited field. Pre-

requisite: Education 1, 104, 117, 137, and an advanced course in education. MWF 3-4. Professor GRAY.

148f. *G. Experimental Problems in Education.*—An introduction to experimental technic as applied to education. Both class-room and laboratory experiments will be considered. Prerequisite: Education 1, 104, 117, 137, and an advanced course in education. MWF 3-4. Professor GRAY.

149w. *G. Experimental Problems in Education.*—An opportunity for students to conduct an experiment or experiments which apply the technic considered in 148f. Prerequisite: Education 1, 104, 117, 137, and an advanced course in education. MWF 3-4. Professor GRAY.

COLLEGE OF ENGINEERING

DEPARTMENT OF ARCHITECTURE

FREDERICK ERNEST GIESECKE, PH.D., *Professor of Architectural Engineering; Director of the Engineering Experiment Station.*

SAMUEL EDWARD GIDEON, *Associate Professor of Architectural Design and Architectural History.*

ROBERT LEON WHITE, B.S., *Associate Professor of Architecture; Superintendent of Construction.*

SAMUEL CHARLES PHELPS VOSPER, *Lecturer in Architecture.*

CHARLES PETER REMING, B.S., *Instructor in Architectural Engineering; Laboratory Assistant in the Engineering Experiment Station.*

Facilities for Graduate Study

The University has splendid library and laboratory facilities which are available for advanced study and research. The Architectural Library, a branch of the General Library, consists of about 1,000 volumes containing excellent material for historical research and special design study. The García Library, also a branch of the General Library, offers exceptional opportunity for the study of Mexican and Spanish architecture.

The laboratories and the technical library present opportunity for specialized research in building sanitation or building construction.

Requirements for Graduate Study

Prerequisite Courses.—The Department of Architecture offers two undergraduate degrees: Bachelor of Science in Architecture and

Bachelor of Science in Architectural Engineering. Students presenting bachelor's degrees from other schools must have done the equivalent of the work required for the degree of Bachelor of Science in Architecture, which includes Architecture *144, 227, 246ws, 623, 624, and 45 before registration for the degree of Master of Science in Architecture, or the equivalent of the work required for the degree of Bachelor of Science in Architectural Engineering, which includes Architecture 131, *144, 229, 246, 28, and 30, before registration for the degree of Master of Science in Architectural Engineering.

M.S. in Arch. Degree Requirements.—It is suggested that those intending to apply for the degree of Master of Science in Architecture select Architecture 47, 50, one other approved advanced course in architecture, a course in one of the social sciences, and one other approved elective course. Those intending to apply for the degree of Master of Science in Architectural Engineering may select Architecture 33 and 50, one other advanced course in architecture, or one in civil or mechanical engineering, a course in one of the social sciences, and one other approved elective course.

The detailed requirements for the degree of Master of Science are given elsewhere in this catalogue under "Requirement for Degrees."

For Undergraduates and Graduates

227. *A. Elements of Building Construction.*—Woodwork, masonry, sheet-metal work, and painting which enter into the construction of buildings, and the graphical determination of stresses in architectural structures. This course must be preceded by, or taken with Civil Engineering 32.

246. *A. Architectural Drawing.*—A series of working drawings. Prerequisite: Architecture 221.

623. *A. Architectural Design.*—Problems in designing and rendering architectural projects. This course consists largely of problems prepared by the Society of Beaux-Arts Architects. Lectures on composition and theory of design. Prerequisite: Architecture 22.

45. *S. Building Construction.*—A short course in the design of parts of buildings; heating, lighting, and ventilation. Prerequisite: Architecture 227 and Civil Engineering 32ab. Professor GIESECKE.

624. *S. Architectural Design.*—Advanced problems in designing and rendering architectural projects. This course consists largely of problems prepared by the Society of Beaux-Arts Architects. Prerequisite: Architecture 623. Associate Professor WHITE; Lecturer VOSPER.

28. *S. Building Construction.*—The theory of the design of the structural parts of buildings in wood, masonry, iron, steel, and reinforced concrete. Architecture 30 should be taken with this course.

*144 Architectural History. History of Modern Architecture. M 12 (X). Lecturer VOSPER.

Prerequisite: Architecture 227 and Civil Engineering 32ab. Professor GIESECKE.

30. *S. Building Construction.*—Problems in designing the structural parts of buildings. This course must be preceded by or taken with Architecture 28. Instructor REMING.

229. *S. Building Sanitation.*—Theory of heating, ventilation, lighting, acoustics, plumbing, water supply, and waste disposal. Architecture 131 should be taken with this course. Prerequisite: Civil Engineering 154. Professor GIESECKE.

131. *S. Building Sanitation.*—A series of problems in building sanitation. This course must be taken with or preceded by Architecture 229. Instructor REMING.

For Graduates

47. *G. Advanced Design.*—Thesis in design and construction of a regular "Class A" project, supplemented by working drawings, structural details, and specifications. Prerequisite: Architecture 624. Lecturer VOSPER.

33. *G. Building Construction.*—A continuation of Architecture 28, considering more difficult construction in masonry, steel, and reinforced concrete, and including the study of statically indeterminate structures. Prerequisite: Architecture 28. Professor GIESECKE.

34. *G. Building Construction.*—Advanced problems in building construction. This course must be taken with or preceded by Architecture 33. Professor GIESECKE.

50. *G. Research in Architecture.*—This course will vary in credit according to the work performed, its value being indicated by the course number; 150, 250, 50, etc.

CHEMICAL ENGINEERING

Consult the Department of Chemistry.

DEPARTMENT OF CIVIL ENGINEERING

THOMAS ULVAN TAYLOR, C.E., M.C.E., *Professor of Civil Engineering; Dean of the College of Engineering.*

EDWARD CHRISTIAN HENRY BANTEL, C.E., *Professor of Civil Engineering; Assistant Dean of the College of Engineering.*

STANLEY PHISTER FINCH, B.A., M.S., *Professor of Civil Engineering.*

JOHN A. FOCHT, C.E., *Professor of Highway Engineering.*

ARMOUR TOWNSEND GRANGER, B.S., C.E., *Adjunct Professor of Civil Engineering.*

BANKS McLaurin, C.E., *Instructor in Civil Engineering.*

Facilities for Graduate Study

The general equipment of the Cement and Concrete Laboratory for undergraduate work is available for graduate work and is supplemented by that of the Engineering Experiment Station. An excellent

opportunity is offered the advanced student to do research work on concrete in coöperation with the staff of the Station.

The Materials Laboratory has the usual equipment for undergraduate work for determining the strength of materials and, in addition, a 400,000-pound universal testing machine, all of which can be used by the graduate students.

The Highway Materials Laboratory has the standard apparatus for the testing of road materials, including rock and gravel and the various bituminous paving materials. Facilities are at hand for making investigations on samples taken from pavements in use for the purpose of determining the qualities of the materials and their relative proportions.

The hydraulic laboratory is equipped with orifice and weir boxes, Venturi meter, pipes for determining friction losses, hydraulic ram, impulse wheels, small turbine, and accessory apparatus. A 4-inch centrifugal pump directly connected to variable speed motor, can be used for supply purposes and for making efficiency tests.

The Civil Engineering Library is a part of the General Library of the College of Engineering. It is well equipped with most of the more recent standard works on civil engineering subjects and many periodicals, as well as the proceedings of the more prominent engineering societies.

Requirements for Graduate Study

Prerequisite Courses.—The candidate for the degree of Master of Science in Engineering must present a prior degree of Bachelor of Science in Engineering from the University of Texas; or a degree of Bachelor of Science in Engineering from another school, representing an equivalent training.

Three options are offered in the undergraduate course in civil engineering. These are Railroad-Structural Engineering, Highway Engineering, and Sanitary Engineering. The A and S courses in civil engineering required in the Railroad-Structural group are: C.E. 107, 8, 209, 110, 11, 12, 213, 128, 137, 140, 52, 154. The advanced and senior courses in civil engineering required in the Sanitary Engineering group are: C.E. 107, 8, 209, 110, 11, 128, 140, 52, 154. In addition to the above, two courses in surveying and railroad engineering are required in each option, also one and two-thirds courses in highway engineering for the Highway Engineering option, and Chemistry 1 and 2 and Bacteriology 29 for the Sanitary Engineering option.

M.S. in C.E. Degree Requirements.—Detailed requirements for the degree of Master of Science in Engineering will be found elsewhere in this catalogue under "Requirements for Degrees."

In extension of the specialization begun in the undergraduate course, the major may be chosen from the Railroad-Structural, Sanitary, or Highway Engineering group. However, any combination of

these, subject only to the general requirements of the Master's degrees in engineering, is permitted. Minors in botany, business administration, economics, mathematics, or engineering courses in related lines are recommended.

For Undergraduates and Graduates

C.E. 8 A. Technical Mechanics.—Tension, compression, shear, riveted-joints, beams, columns, shafts, complex stresses; dynamics. Prerequisite: Applied Mathematics 3, Physics 38, and C.E. 105. Professor FINCH.

C.E. 32. A. Applied Mechanics.—Application of the theory of statics and dynamics; stresses in beams, columns, shafts, etc.; strength of wood, stone, cement, metals; dynamics. Prerequisite: Applied Mathematics 3 and Physics 38. Professor TAYLOR.

C.E. 107. A. Geodetic Surveying.—Higher surveying; plane-table work; determination of latitude, longitude, and meridian. Prerequisite: C.E. 102 and 30. Professor BANTEL.

C.E. 110s. A. Structural Design.—The equilibrium polygon; graphical determination of reactions, moments, stresses, and centers of gravity; design and general drawings of roof truss and steel highway truss bridge. Prerequisite: C.E. 105 and C.E. 8ab. Adjunct Professor GRANGER.

C.E. 128. A. Materials Laboratory.—Fall term: Cement Laboratory; winter term: Testing of materials. Determination of breaking strengths; co-efficients of elasticity; elastic limit of materials of engineering. Spring term: Hydraulic laboratory. Flow of water through orifices, nozzles, pipes, over weirs, etc.; testing of water wheels, water meters, rams, etc.; use of acoustic and electric current meters in determining the discharge of streams. To be taken with C.E. 32 and 154. Professor FINCH; Instructor McLAURIN.

C.E. 137. A. Economic Theory of Railway Location.—Prerequisite: C.E. 30, 139. Professor BANTEL.

C.E. 140. A. Plane Table Surveying.—Measurement of base line, triangulation, determination of latitude, time, longitude, and azimuth. Prerequisite: C.E. 102, 30, 119, 139. Professor BANTEL.

C.E. 154. A. Hydraulics.—Hydrostatics and hydrodynamics; flow of water in pipes, canals; theory of water wheels and development of water. Prerequisite: A.M. 3; Physics 38. Instructor McLAURIN.

C.E. 209ws. A. Structures.—Reactions, shears, moments, influence lines, maximum moments and shears due to moving loads, floor-beam concentrations; the plate girder. Professor FINCH.

C.E. 11. S. Materials, Concrete, Foundations.—A study of the common materials of construction; physical properties, and theories of proportioning plain concrete; theory of reinforced concrete; consideration of various types of foundation and substructures. Prerequisite: C.E. 209. Adjunct Professor GRANGER.

C.E. 12. S. Steel and Reinforced Concrete Structures.—Design and general drawings of a plate girder and through truss railroad bridge; design and drawings of reinforced concrete bridges, retaining wall, etc. Prerequisite: C.E. 110, 209. Adjunct Professor GRANGER.

C.E. 114s. S. Reinforced Concrete Design.—Design and drawings of reinforced concrete bridges, retaining walls, etc. Prerequisite: C.E. 209, 110. Adjunct Professor GRANGER.

C.E. 149. S. Highway Bridges.—Especially for county purposes. Adjunct Professor GRANGER.

C.E. 213fw. S. Structures.—Dead and live load stresses in roof and bridge trusses; deflection of trusses and beams by analytical and graphical methods; continuous beams. Prerequisite: C.E. 209. Professor FINCH.

C.E. 52. S. Sanitary and Water-supply Engineering.—Prerequisite: C.E. 8, 154. Professor BANTEL.

For Graduates

C.E. 42. G. Stresses in Complex Structures.—Draw spans, suspension bridges, arches, etc. Prerequisite: C.E. 213, 11, 12. Adjunct Professor GRANGER.

C.E. 43. G. Advanced Reinforced Concrete.—Arches, bridges, buildings, etc. Prerequisite: C.E. 32 or 8, 11. Professor FINCH.

C.E. 45. G. Advanced Sanitary Engineering.—Water filtration; collection and disposal of sewage. Prerequisite: C.E. 52. Professor BANTEL.

C.E. 51. G. Advanced Highway Engineering.—City pavements, including brick, wooden block, bitulithic, vibrolithic, concrete, etc.; specifications; methods. Prerequisite: C.E. 213, 11. Professor FOCHT.

C.E. 244. G. Design of Complex Structures.—Prerequisite: C.E. 213, 11. Adjunct Professor GRANGER.

C.E. 246. G. Design of Sanitary Structures.—Design of filters, sewerage systems, and disposal plants. Prerequisite: C.E. 52; registration in C.E. 45. Professor BANTEL.

C.E. 150. Thesis.

DEPARTMENT OF ELECTRICAL ENGINEERING

JOHN MYRON BRYANT, B.S., M.S., *Professor of Electrical Engineering.*

JAMES A. CORRELL, B.S., M.S., *Associate Professor of Electrical Engineering.*

JOSEPH WALTER RAMSAY, B.S., E.E., *Adjunct Professor of Electrical Engineering.*

RAYMOND SPIVEY FOURAKER, B.S., *Instructor in Electrical Engineering.*

BURNS NEWMAN GAFFORD, B.S., *Instructor in Electrical Engineering.*

WILLIAM FRANK HELWIG, B.S., *Instructor in Electrical Engineering.*

Facilities for Graduate Study

Regular laboratory equipment is available for graduate work leading to advanced degrees at such time as it is not needed for regular laboratory classes for undergraduate courses. In addition, the department possesses equipment used exclusively for graduate instruction and research. In this line should be listed as special instruments an oscillograph, a new testing set recently given to the department by the Western Electric Company and the American Telephone and Telegraph Company consisting of an equivalent 200-mile transmission line representing either power or telephone transmission, an oscillator capable of impressing alternating waves of frequencies varying from 100 cycles to 100,000 cycles, and a set of measuring instruments and amplifiers for determination of current and voltage relations at any point on the line. The department has also recently equipped a complete laboratory for tests of automobile headlights for the State Highway Department under the new automobile headlight law. This equipment is also available for testing lamps and illuminating devices of other types. It consists of a Sharp-Miller Photometer and Illuminometer, a Macbeth Photometer and Illuminometer and Ulbricht sphere of small diameter for standardizing small light sources and one of very large diameter for the largest light sources. This latter sphere is capable of being separated into hemispheres for study of distribution from headlights, searchlights and other very bright sources. A Weber Photometer with standard lamps is available for use with these spheres and for other accurate photometric work.

For the fundamental sciences the Main Library and the special libraries in mathematics, physics, and chemistry are available for graduate engineering students. Besides these, the Engineering College has a large special library of books, periodicals, and journals in engineering and applied science.

Requirements for Graduate Study

Prerequisite Courses.—For candidacy for the degree of Master of Science in Engineering, the student must present a prior degree of Bachelor of Science from the University of Texas; or a degree of Bachelor of Science from another school, representing an equivalent training.

For registration for graduate degrees in electrical engineering, prerequisites must meet the requirements in mathematics and physics and the equivalent of junior and senior electrical engineering courses. (E.E. 20, 22, 23, 202, and 221.)

M.S. in E.E. Degree Requirements.—A detailed statement concerning the requirements for the degree of Master of Science in Engineering will be found elsewhere in this catalogue under "Requirements for Degrees."

While the entire work leading to the degree of B.S. in electrical engineering is closely prescribed including the order in which the fundamental courses must be passed, the requirements for the M.S. in E.E. degree permit of options both in the major and minor subjects. However, in selecting options these courses must be in closely allied fields. Where theoretical and technical options are selected for majors, minors should be in mathematics and physics (such as P.M. 8, 22, 17, 34, and 35; Physics 33, 35, 105, 25, 4, 7, and 40); where communication and application courses are chosen for majors, the minors should be in physics (such as Physics 33, 35, 105, 252, and 4, 7, and 40), mechanical engineering and business administration such as (M.E. 203, 212, 214, 215, 216, 217, 218, and 219; B.Ad. 411, 118, 126, and 218); where commercial and business options are chosen in the major lines, the minors should be in economics, business administration and allied subjects (such as Eco. 14, 102, 204, 253, 11, 145, and 25; B.Ad. 411, 118, 126, and 128).

From the courses offered by the Department of Electrical Engineering the following list may be of service in the selection of approved graduate courses:

Advanced undergraduates in some allied branch of engineering or for candidates for the master's degree in other colleges: E.E. 31, 35, 108s, 236, 29, 34.

Graduates with B.S. in mechanical engineering: E.E. 20, 22, 23, 202, 221, 29, 34.

Graduates with B.S. in electrical engineering: E.E. 28, 29, 32, 34, 50.

For Undergraduates and Graduates

20. A. Elements of Electrical Engineering.—Elementary theory of alternating currents, circuits, and transmission lines. For junior electrical engineering students. Prerequisite: Electrical Engineering 107, Physics 422, and registration in Applied Mathematics 15. Section 1, MWF 9 (III); Section 2, TTS 10 (VI). Professor BRYANT; Associate Professor CORRELL; Adjunct Professor RAMSAY; Instructor FOURAKER.

31. A. Direct and Alternating Currents.—Brief theory of direct and alternating current circuits and machinery, including laboratory demonstrations, but not accompanied by a separate laboratory course. Students desiring a course accompanied by laboratory instruction should register in Electrical Engineering 35 and 236. Prerequisite: Physics 422. TTS 9 (IV). Instructor GAFFORD.

35. A. Direct and Alternating Currents.—Theory of direct and alternating current circuits and machinery for students other than those registered in electrical engineering. Prerequisite: Physics 422 and registration in Electrical Engineering 236. TTS 12 (X).

108s. A. Telephony.—A short course in telephony. Prerequisite: Junior standing in engineering. Adjunct Professor RAMSAY.

221. *A. Electrical Engineering Laboratory.*—A laboratory course accompanying Electrical Engineering 35. Laboratory fee, \$1.50. Prerequisite: Registration in Electrical Engineering 35. Section 1, F 2-5; Section 2, S 8-11. Adjunct Professor RAMSAY; Instructors FOURAKER, GAFFORD.

22. *S. Electrical Machinery.*—Elementary theory of direct and alternating current machinery. Prerequisite: Electrical Engineering 20 and Applied Mathematics 15. MWF 11 (VII). Professor BRYANT; Adjunct Professor RAMSAY.

23. *S. Electrical Applications.*—Some elementary considerations in the choice of electrical machinery for different applications. Design of direct and alternating current machinery. Prerequisite: Registration in Electrical Engineering 22. TTS 11 (VIII). Associate Professor CORRELL; Instructor GAFFORD.

202. *S. Electrical Engineering Laboratory.*—A laboratory course accompanying Electrical Engineering 22. Laboratory fee, \$4.50. Prerequisite: Electrical Engineering 221 and registration in Electrical Engineering 22. Section 1, F 8-11; Section 2, Th 205. Associate Professor CORRELL; Instructors FOURAKER, GAFFORD.

For Graduates

28. *G. Electrical Installation.*—Central-station equipment, operation, and management; specifications and contracts. Prerequisite: Electrical Engineering 22 and 23, and Mechanical Engineering 20. MWF 8 (I). Professor BRYANT.

29. *G. Telephony.*—Construction, equipment, operation, and maintenance of telephone systems; a study of the telephone station location and design; traffic curves and rates. Prerequisites: Electrical Engineering 20. MWF 11 (VII). Adjunct Professor RAMSAY.

32. *G. Advanced Electrical Engineering.*—Theory of direct and alternating current circuits and machines. A study of transients in circuits and machines. Prerequisite: Electrical Engineering 22. MWF 12 (IX). Professor BRYANT.

34. *G. Rates for Public Utility Service.*—The valuation and determination of rates for service from municipal and private public utility companies. Prerequisite: Economics 1 or 6 and graduate standing. Professor BRYANT.

50. *G. Research in Electrical Engineering.*—This course will vary in credit according to the work performed, its value being indicated by the course number, 150, 250, 50, etc. Prerequisite: The consent of the instructor.

DEPARTMENT OF MECHANICAL ENGINEERING

HAL C WEAVER, B.S., E.E., M.E., *Associate Professor of Mechanical Engineering.*

ALEX VALLANCE, M.E., *Adjunct Professor of Mechanical Engineering.*

MARSHALL ELMER FARRIS, B.S., *Instructor in Mechanical Engineering.*

BURNETT FORREST TREAT, B.S., *Instructor in Mechanical Engineering.*

JOHN AUBREY KING, B.S., *Instructor in Mechanical Engineering.*

FRED C. STEWART, B.S., *Instructor in Mechanical Engineering.*

ROBERT FREDERICK KILE, B.S., *Instructor in Mechanical Engineering.*

Facilities for Graduate Study

The mechanical engineering laboratories are very well equipped for research work on steam, gas, and oil engines, steam turbines, pumping machinery, air compressors, refrigeration machinery, heating and ventilation equipment, and various types of steam boilers.

In addition to the larger equipment enumerated above, the laboratories are supplied with all the necessary instruments and equipment for the study of steam, gas, or air flow, lubrication, and such gas and fuel analysis as is usually done in connection with power plant operation.

The Mechanical Engineering Library is a part of the General Library of the College of Engineering. It is well equipped with most of the more recent standard works on mechanical engineering subjects and many periodicals as well as the proceedings of the more prominent engineering societies.

Requirements for Graduate Study

Prerequisite Courses.—For candidacy for the degree of Master of Science in Engineering the student must present a prior degree of Bachelor of Science in Engineering from the University of Texas; or a degree of Bachelor of Science from another school, representing an equivalent training.

M.S. in M.E. Degree Requirements.—The detailed requirements for the degree of Master of Science in Engineering will be found above under "Requirements for Degrees."

For Undergraduates and Graduates

10. A. *Heat Engines.*—A special course in the principles of thermodynamics; the properties of gases, and saturated and superheated vapors; steam engines, boilers, and their auxiliaries; fuels; gas engines and producers; oil engines and steam turbines. The modern power plant is considered for the benefit of those who do not devote

further time to the subject. Prerequisite: Applied Mathematics 3 and Physics 38c. TTS 9.

20. A. *Heat Engines*.—A course in the elementary principles of thermodynamics; the properties of gases, and saturated and superheated vapors; combustion of fuels and flue gas analysis; steam boilers, engines, and their auxiliaries; steam turbines, oil engines, gas engines and producers. The modern power plant is considered briefly for the benefit of those who do not devote further time to the subject. Prerequisite: Applied Mathematics 3 and Physics 38c. Section 1, MWF 10; Section 2, TTS 11; Section 3, MWF 11.

119. A. *Elementary Mechanical Laboratory*.—To be taken with Mechanical Engineering 10. This is a brief course for students in chemical engineering. Laboratory fee, \$3. F 2-5.

240. A. *Elementary Mechanical Laboratory*.—Deals with the calibration and adjustment of instruments ordinarily used in mechanical engineering. A study of traps, separators, steam calorimeters, hoists, fuel, oil, and flue gas analysis; valve setting; power measurements; boiler operation and inspection; pumps and injectors and elementary testing of engines. To be taken with Mechanical Engineering 20. Laboratory fee, \$6. Seven sections.

203. S. *Thermodynamics*.—Study of the theory of gases and vapors and its application to the action of heat engines, steam, gas, and hot-air engines, gas producers, air compressors, compressed-air engines, steam turbines, boilers, refrigeration machinery, and power-plant auxiliaries and appliances. Prerequisite: Mechanical Engineering 20. MW 10.

205ws. S. *Machine Design Drawing*.—The design and dimensioning of machine parts. Practice in making and reading detail and assembly drawings. Complete design of such machines as punches, shears, riveting machines, boilers, pumps, engines, etc. Prerequisite: Mechanical Engineering 202, Civil Engineering 32 and registration in Mechanical Engineering 211. Three periods a week. Laboratory hours M 2-5, F 8-11.

208ws. S. *Machine Design*.—A special course for students of electrical engineering covering briefly the material given in Mechanical Engineering 205 and 211. Prerequisite: Mechanical Engineering 202 and Civil Engineering 32. MW 12. Laboratory hours, S 8-11.

214. S. *Power Plants*.—The economic operation and maintenance of power plant equipment. Load curve analysis; the cost of power; methods of increasing efficiency and economy; selection of apparatus. The financial problems of power plant operation are especially emphasized. Prerequisite: Mechanical Engineering 20. TT 10.

211. S. *Machine Design*.—Prerequisite: Mechanical Engineering 202; Civil Engineering 32 and registration in Mechanical Engineering 205ws.

212. *S. Thermodynamics Laboratory.*—A continuation of Mechanical Engineering 240, covering more advanced tests and heat analyses of boilers and producers; fans and blowers; power and steam pumps; condensing apparatus; steam, gas, and oil engines; steam turbines; air compressors, refrigeration machinery; and complete power plants. To be taken with Mechanical Engineering 203. Prerequisite: Mechanical Engineering 240. Section 1, W 2-5; Section 2, Th 2-5.

For Graduates

50. *G. Research in Mechanical Engineering.*—This course will vary in credit according to the work performed, its value being indicated by the course numbers 150, 250, 50, etc.

215. *G. Power Plant Design.*—Problems, designs, and estimates for isolated and central stations. Pre-determination of load curves. Economic selection of equipment. Location and arrangement of equipment for best economy and future expansion. Prerequisite: Mechanical Engineering 214.

216. *G. Heating and Ventilation.*—The theory and application of the principles of heating and ventilation. Heat losses from buildings; direct and indirect steam, and hot water system; ventilation, air analysis, and conditioning; humidity and temperature control. Some experimental work in laboratory. Prerequisite: Mechanical Engineering 20 or 10.

217. *G. Refrigeration.*—The application of thermodynamics to problems of refrigeration. Types of refrigerating machines and plants, refrigerators, ice making, cold storage, cooling of air, liquids and solids. Constructive details of refrigerating plants and their economical operation; laboratory tests. Prerequisite: Mechanical Engineering 20 and registration in Mechanical Engineering 203.

218. *G. Internal Combustion Engines and Gas Producers.*—The theory of the different types of internal combustion engines and gas producers, carburation, governing, cooling, lubrication and ignition systems. The installation and economic operation of engines and producers. Part of the time of this course may be spent in the laboratory. Prerequisite: Mechanical Engineering 203.

219. *G. Advanced Machine Design.*—Advanced force and stress analysis of machine parts. An individual and complete analysis is made of an assigned problem. Prerequisite: Mechanical Engineering 411 or 211.

220. *G. Industrial Management.*—Shop and factory organization and management. Planning; dispatching; routing, inspection; testing; cost accounting; maintenance; unit costs; bonus systems; labor turn-over; stores and follow-up systems. Factory problems and machine layout with especial reference to production. Prerequisite: Mechanical Engineering 113.

MEDICAL BRANCH
Galveston, Texas

Facilities for Graduate Study

Facilities for graduate study and investigation are provided for in anatomy, bacteriology and preventive medicine, biological chemistry, organic chemistry, food analysis, pathology, pharmacology and toxicology, and physiology.

Requirements for Graduate Study

(1) A prior degree of Bachelor of Arts from the University of Texas, or a bachelor's degree from this or another school, representing an equivalent training, provided that in the latter case the Dean of the Graduate School is satisfied that the courses pursued by the candidate are equivalent to those required by the University of Texas. The Dean of the Graduate School will interpret "equivalent training" as including the requirements of the Bachelor of Arts degree, except that (a) the group requirements need not be absolutely fulfilled and (b) the two science courses need not be in separate subjects.

(2) The student must have had the undergraduate courses given, or an equivalent preparation, in the field of study or studies selected as a minor, and must show evidence of preparation for original research in the major field.

(3) The student must be registered in the Graduate School.

M.A. Degree Requirements.—Details concerning the requirements for the degree of Master of Arts will be found elsewhere in this catalogue under "Requirements for Degrees."

DEPARTMENT OF ANATOMY

WILLIAM KEILLER, L.R.C.P. and S. (ED.), F.R.C.S. (ED.), *Professor of Anatomy.*

HARRY OBADIAH KNIGHT, B.A., M.D., *Professor of Anatomy.*

Prerequisite Courses.—Consult the catalogue of the Medical Branch.

For Undergraduates and Graduates

4. *Applied Anatomy.*—Junior year. Two laboratory hours a week throughout the session. Applied anatomy is taught as a laboratory course, the student dissecting with a mimeographed laboratory guide designed to present the subject from the standpoint of the clinician and operator.

5. *Neuro-Anatomy*.—Sophomore year. Ten hours a week for six weeks. The course in neuro-anatomy is arranged to precede the course in neuro-physiology. Human brains, injected *in situ* and well preserved in formalin, are used, and the dissections are supplemented by hand specimens of dissected brains and naked-eye sections.

The nerve tracts are traced in microscopic sections of adult and foetal cord and brain stems, with sections of the baboon brain for the higher connections. A few typical degenerations are shown. The tracts are taught with relation to their physiological significance. A mimeographed laboratory guide is used.

Applied Neurology.—Junior year. One lecture a week throughout the session. The course is designed to link neuro-anatomy and neuro-physiology with nervous diseases.

The anatomical museum contains a large and ever increasing number of wet and dry specimens and wax models. The specimens are not hidden away on the shelves where they are comparatively useless, but each is displayed in such a manner as to be convenient for study, is carefully labeled, and is described in a handbook which the student is expected to consult. Many hand specimens are also constantly available for the purpose of study. Dissection material is abundant and thoroughly preserved. A reference library containing the more important of the recent textbooks and atlases of anatomy is open to students in the anatomical laboratory.

DEPARTMENT OF BACTERIOLOGY AND PREVENTIVE MEDICINE

WILLIAM BARNARD SHARP, PH.D., M.D., *Professor of Bacteriology and Preventive Medicine.*

Prerequisite Courses.—Consult the catalogue of the Medical Branch.

For Undergraduates and Graduates

4. *Immunology*.—Sophomore year. One lecture, one recitation, and two laboratory hours weekly for fifteen weeks. This course is a direct continuation of the freshman bacteriology course. Immune reactions to microbic invasion are investigated in laboratory animals. Specific biologic products for the diagnosis, treatment, or prevention of disease are considered in detail and their use studied.

6. *Advanced Bacteriology*.—Elective. Courses 2 and 4 (or equivalent) are prerequisites. Students desiring to become more proficient in certain fields of bacteriology may do advanced work under departmental supervision. Reading and laboratory work are assigned and term papers required.

7. *Research*.—Elective for those found qualified. Approved problems in hygiene, bacteriology, parasitology, etc., may be investigated

under departmental supervision in our laboratories or elsewhere. Requirements for the master's degree in medical bacteriology include 270 hours of research.

DEPARTMENT OF BIOLOGICAL CHEMISTRY

BYRON MURRAY HENDRIX, PH.D., *Professor of Biological Chemistry.*
MEYER BODANSKY, PH.D., *Associate Professor of Biological Chemistry.*
MARION FAY, PH.D., *Instructor in Biological Chemistry.*

Prerequisite Courses.—Consult the catalogue of the Medical Branch.

For Undergraduates and Graduates

2. *Chemistry of the Blood.*—Senior year. Two hours a week for fifteen weeks. This is an elective course in the modern methods of blood analysis. Estimation of non-protein nitrogen, urea, uric acid, creatinine, sugar, and hydrogen ion concentration are made in normal animals, and in animals rendered abnormal by the experimental production of diabetes, acidosis, and nephritis. The laboratory course is supplemented by informal conferences on the clinical significance of the blood constituents.

3. *Advanced Biological Chemistry and Research.*—Hours to be arranged. The facilities of the department are available for the pursuit of advanced work and research in biological chemistry by students or graduates with adequate preliminary training and sufficient time at their disposal. The course changes from year to year to meet the need of the student, and may be taken more than one year.

4. *Seminar.*—A seminar in physiological and pathological chemistry is held during the spring semester, at which current literature is discussed. Qualified students, particularly seniors, are encouraged to attend these meetings and to take part in the discussion. Each student is expected to give at least one communication during the term.

DEPARTMENT OF CHEMISTRY

HENRY RUDOLPH HENZE, PH.D., *Professor of Chemistry.*
CARL AUGUST NAU, M.A., *Instructor in Chemistry.*
MARY AITON STEUSSY, M.A., *Instructor in Chemistry.*

Prerequisite Courses. Chemistry 1, 2, and 3, or their equivalent.

For Undergraduates and Graduates

4. *Organic Chemistry.*—Junior year. Three lectures and three laboratory hours weekly throughout the session. The lectures deal

with the fundamental theories and principles of organic chemistry, the general methods of synthesis and purification of organic compounds, especially the official organic pharmaceuticals and medicinal products. The newer synthetic organic remedies are explained in detail and classified according to their chemical constitution.

6. *Drug and Food Analysis*.—Senior year. One lecture and nine laboratory hours weekly throughout the session. Qualitative and quantitative analysis of volatile and fixed oils, fats, and carbohydrates, milk, soaps, foods, mineral oils, water, urine, butter, flavoring extracts and pharmaceutical proprietaries. A portion of this course is devoted to gasometric assays, and to alkaloidal assaying of crude drugs such as belladonna, cinchona, ipecac, nux vomica, and opium.

7. *Advanced Organic Chemistry and Research*.—Hours to be arranged. The facilities of this department are available to students with the prerequisite training, who are candidates for advanced degrees.

DEPARTMENT OF PATHOLOGY

HENRY CHARLES HARTMAN, M.D., *Professor of Pathology; Acting Dean of the Medical Branch.*

T. L. TERRY, M.D., *Associate Professor of Pathology.*

Prerequisite Courses.—Consult the catalogue of the Medical Branch.

For Undergraduates and Graduates

2. *Special Pathology*.—Sophomore year. Three recitations or lectures and ten laboratory hours a week during the second term (fifteen weeks). The course is devoted to the special pathology of the cardiovascular, respiratory, digestive, genito-urinary, skeletal, nervous and hematopoietic systems. This course includes the methods and criteria of diagnosis from gross inspection of diseased organs, and a study of complete cases, all the organs being studied both in the gross and microscopically.

4. *Clinical and Pathological Conferences*.—Junior and senior years. One hour a week throughout the session. The material derived from autopsies is presented to the class jointly by the teaching staffs of the clinical subjects and of the department of pathology.

DEPARTMENT OF PHARMACOLOGY

HARRY VICTOR ATKINSON, PH.D., *Professor of Pharmacology.*

MURLA ALGEO, M.A., M.D., *Adjunct Professor of Pharmacology.*

Prerequisite Courses.—Consult the catalogue of the Medical Branch.

For Undergraduates and Graduates

6. *Advanced Pharmacodynamics and Toxicology*.—Elective. Students desiring to become more proficient in certain special fields of pharmacodynamics and toxicology may do advanced work under departmental supervision.

7. *Research*.—The laboratories of the department are open to properly qualified workers for the investigation of approved problems in pharmacodynamics and toxicology under departmental supervision.

DEPARTMENT OF PHYSIOLOGY

EUGENE LYMAN PORTER, PH.D., *Professor of Physiology*.

W. T. DAWSON, M.A., *Associate Professor of Physiology*.

Prerequisite Courses.—Consult the catalogue of the Medical Branch.

For Undergraduates and Graduates

2. *Physiology B*.—Sophomore year. Five lectures and ten laboratory hours each week for fifteen weeks. This course includes a thorough consideration of the blood, circulation, lymph, respiration, metabolism, nutrition, animal heat, endocrin glands, excretion, central nervous system, and the special senses.

GRADUATE DEGREES CONFERRED IN 1925

Doctor of Philosophy

RENKE GUSTAV LUBBEN, B.A., Foundations of Mathematics, with Emphasis on Point-Set Theory, Theory of Functions, and Philosophy.

Dissertation: *The Double-Elliptic Case of the Lie-Riemann-Helmholtz-Hilbert Problem of the Foundations of Geometry.*

BENJAMIN CARROLL THARP, B.A., M.A., Botany (Ecology), Plant Pathology, and Zoology.

Dissertation: *Structure of Texas Vegetation East of the Ninety-eighth Meridian.*

Master of Arts

*ELIZABETH EARLE ADAMS, B.A., English, Latin, and Education.

Thesis: *The Study of Milton, 1730-1740.*

*WINNIE ALLEN, B.A., History and Government.

Thesis: *The History of Nacogdoches, 1691-1830.*

*HUGO BACHLE, B.A., Education and German.

Thesis: *A Tentative Program for Vocational Guidance in the Rural Schools of Southwest Texas.*

*EDGAR WILLIAM BARTHOLOMAE, B.A., History and Education.

Thesis: *A Translation of H. Ehrenberg's "Fahrten und Schicksale eines Deutschen in Texas" with Introduction and Notes.*

*MRS. LILLIAN GREER BEDICHEK, B.A., Spanish, Latin, and Education.

Thesis: *The Syntax of the Past Indicative Tenses of the "Cantar de Mio Cid," with a Special View to Their Latin Inheritance.*

JOHN HENRY BINNEY, B.S., Pure Mathematics, Chemistry, and Education.

Thesis: *The Use of Moments in Frequency Distributions.*

*JOHN E. BLACKBURN, B.A., Government and Education.

Thesis: *National Administration of Education.*

*WILLIAM DIXON BOND, B.A., English, History, and Education.

Thesis: *Longfellow's Use of the Bible.*

*MARGARET BRASWELL, B.A., English and Education.

Thesis: *The Dramatic Element in the Mind and Works of Keats.*

*MARGARET NAVILLE BRECK, B.A., French, Spanish, and English.

Thesis: *Some Aspects of Balzac's "Romanticism."*

*RAYMOND HINTON BREWER, B.A., Education and Government.

Thesis: *The Organization, Administration, and Effect of a Health Education Program upon the Development of the Pupils in the San Antonio Junior Schools.*

*Conferred on Commencement Day of the Summer Session.

- CLARENCE ALLEN BRIDGES, B.A., History, English, and Government.
Thesis: *Texas and the Crisis of 1850.*
- PHILLIP DALE BROWNE, B.A., History and Education.
Thesis: *The Early History of Freestone County to 1865.*
- *HARRELL BUDD, B.A., History and Economics.
Thesis: *The Negro in Politics in Texas, 1867-1898.*
- CONRAD RAY BULLOCK, B.A., Economics and History.
Thesis: *A Survey of a Church Community Group in Austin, Texas.*
- *MARY EDNA BURKETT, B.A., Botany and Chemistry.
Thesis: *The Occurrence of Halophilic Bacteria in Nature.*
- *MAY ANGIE BUTLER, B.A., Education, English, and Spanish.
Thesis: *Principles of Modern Foreign Language Study, with Particular Reference to Its Application in Spanish.*
- *CLARA MILDRED CALHOUN, B.A., History, Anthropology, and Education.
Thesis: *French Influence at the Court of James II and Its Effect on the Glorious Revolution.*
- DEA BAILEY CALVIN, B.A., Physiological Chemistry, Physiology, and Bacteriology.
Thesis: *The Loss of Bases in Diuresis and Its Effect Upon the Alkali Reserve of the Blood.*
- *EULA LEE CARTER, B.A., History and Spanish.
Thesis: *The Educational Program of the Mexican Government, 1920-1924.*
- JAMES LEE CATE, B.A., History, English, and Economics.
Thesis: *The Crusade of 1101.*
- *MALCOMB YOUNG COLBY, B.A., Physics and Applied Mathematics.
Thesis: *A Vacuum Tube Multimeter for Radio-Frequency Measurements.*
- EARL MONROE CONNELL, B.A., Economics, Education, and History.
Thesis: *The Mexican Population of Austin, Texas.*
- LOUIS FRED CONNELL, A.B., Economics and English.
Thesis: *A Survey of a Tenant-Farmer Group in Fannin County, Texas.*
- VIOLA FONTAINE CORLEY, B.A., Comparative Literature and Anthropology.
Thesis: *American Periodical Criticism of French Fiction from 1800 to 1860.*
- *ELIZABETH KNOX COX, B.A., Zoology and Botany.
Thesis: *The Early History of the Germ Cells in the Opossum, *Didelphis virginiana* L.*
- *POLLY PEARL CRAWFORD, B.A., History and English.
Thesis: *The Beginnings of Spanish Settlement in the Lower Rio Grande Valley.*

*Conferred on Commencement Day of the Summer Session.

- *LITHA CREWS, B.A., History, Anthropology, and Education.
Thesis: *The Know-Nothing Party in Texas.*
- *MATTIE REGINA DANIELS, B.A., Latin, History, and Comparative Literature.
Thesis: *Infinitives and Participles in Petronius.*
- *HENRY DANNELLY, B.A., Spanish and French.
Thesis: *Emilia Pardo Bazán and the French Naturalistic School.*
- *MRS. FLORRIE SMITH DUPRE, B.A., Education and English.
Thesis: *Play as a Factor in the Education of Children.*
- CHRISTINE EVERS, B.A., Zoology and Botany.
Thesis: *Histological and Experimental Study of Factors Causing the Growth of the Mammary Gland in the Opossum (Didelphis virginiana).*
- *LAURA LORENE FELLMAN, B.A., Economics and History.
Thesis: *The Wage-Earning Girl in Austin.*
- *JESSE TYLER FERGUSON, B.A., Education and History.
Thesis: *Qualifications and Duties of an Elementary School Principal.*
- *MRS. ROBERTA SCOTT FERGUSON, B.A., Education and English.
Thesis: *The Education of Women and Girls in Texas before the Civil War.*
- *KATIE LOUISE GANNAWAY, B.A., Education and English.
Thesis: *The Supervision of Instruction in English in the Junior High School.*
- *LOUISE OLIVET GAYLE, B.A., English and History.
Thesis: *The Troublesome Reign of King John, Parts I and II.*
- *LYDIA EMMA GIESSEL, B.A., History, Economics, and Spanish.
Thesis: *The Immediate Significance of the Zabern Incident, 1913.*
- *LUCILE AVO GILL, B.A., English, Philosophy, and Economics.
Thesis: *Poe's Influence in American Literature.*
- DOLLIE MARIE GLOVER, B.A., English and Latin.
Thesis: *The Life and Works of Ambrose Phillips.*
- *JOHN CLIFTON GRANT, B.A., Education and History.
Thesis: *A Survey of the Administrative Phases of the Somerville Public School.*
- GUY EMMETT GREEN, B.A., Geology, Botany, and Zoology.
Thesis: *The Eagle Ford Formation of Travis County, Texas.*
- *EMMA GUTZEIT, B.Lit., Education and German.
Thesis: *Educational and Vocational Guidance as Applied to Two- and Three-Subject Failures in Senior High School.*
- THOMAS MORGAN HAMMOND, B.A., Physics, Applied Mathematics, and Pure Mathematics.
Thesis: *A Direct Reading Ratio Set for the Comparison of Nominally Equal Resistance.*

*Conferred on Commencement Day of the Summer Session.

LUCILLE HAMNER, B.A., Economics and Psychology.

Thesis: *A Study of the Mental Differences between the Sexes.*

ILA MAY HAWKINS, B.A., Spanish and English.

Thesis: *Romantic Elements in the Dramatic Works by the Duque de Rivas.*

*HENRY GEORGE HENDRICKS, B.A., History and Economics.

Thesis: *The Federal Food Administration for Texas, 1917-1919.*

GLADYS TERESA HENNINGER, B.A., Chemistry and Botany.

Thesis: *A Critical Study of a Volumetric Determination of the Sulphate Ion.*

*CHARLOTTE JANE HENRICHSON, B.A., English and History.

Thesis: *A Study of the Poems of Thomas Campbell.*

SCOTTI MAE HINES, B.A., Spanish, Comparative Literature, and Education.

Thesis: *The Use of the Subjunctive and the Conditional in Diego Hurtado de Mendoza's "Guerra de Granada," Compared with Examples from the Works of Tacitus.*

*BENJAMIN FRANKLIN HOLLAND, B.A., Education, Spanish and English.

Thesis: *The Present Status of Adult Education in Texas.*

INA ALICE HOLLIS, B.A., Education and Philosophy.

Thesis: *Life and Work of O. H. Cooper.*

*ROY DAVIS HOLT, B.A., Education, History, and Economics.

Thesis: *The History of the Public Schools of McCulloch County, Texas.*

IRIS HOWARD, B.A., Economics, Comparative Literature, and English.

Thesis: *A Study of the Social Attitudes of Girl Students.*

HELEN MAR HUNNICUTT, B.A., History and Spanish.

Thesis: *The Relations between Antonio López Santa Anna as President and Valentin Gómez Farias as Vice-President of Mexico, April, 1833-January, 1835.*

*MARY ADELAIDE HYNES, B.A., Botany and Zoology.

Thesis: *A Study of Wind Pollinated Plants of Dallas, Texas, in Relation to the Hay Fever Problem.*

FLORISE McLAURINE ISAACS, B.A., Economics and Geology.

Thesis: *Political Attitudes of the American Federation of Labor, 1914-1924.*

*OLLIE HAZEL JONES, B.A., Mathematics and Education.

Thesis: *A Statistical Problem Dealing with University Grades.*

*VERNA JONES, B.A., English and History.

Thesis: *George Eliot's Portrayal of Men.*

*FRANCES WADE KELLAM, B.A., History and Philosophy.

Thesis: *Economic and Commercial History of Texas, 1821-1835.*

*Conferred on Commencement Day of the Summer Session.

*LEE HUNT KIDD, B.A., Education and History.

Thesis: *The Duties and Possibilities of a College Registrar.*

*WILLIAM WARREN KNOX, B.A., Education and Economics.

Thesis: *The Demonstration Versus the Laboratory Method of Teaching High-School Chemistry.*

*HERMAN RUDOLPH KUEHNE, B.A., Psychology and English.

Thesis: *The Relative Effectiveness of Fifty Advertising Appeals.*

LINDA LANCASTER, B.A., Economics, History, and Psychology.

Thesis: *Statistical Report of the Employment of Women in Austin, Texas.*

BESSIE BEAKLEY LEAGUE, B.A., Zoology and Botany.

Thesis: *Atresia in the Graafian Follicle of the Opossum [Didelphis virginiana] with Special Reference to the Problem of Interstitial Tissue.*

ELIZABETH LOCKWOOD, B.A., Economics and History.

Thesis: *The Significance of Guild Socialism in Economic Reform.*

*CLYDE WILLIS LORD, B.A., History, Economics, and Education.

Thesis: *The Ante-Bellum Career of Louis Trezevant Wigfall.*

*HARMON LUTHER LOWMAN, B.A., Education, English, and Economics.

Thesis: *Motivating the Study of High-School English through the School Newspaper.*

*ELLA ERNESTINE LUNDAY, B.A., Education, English, and History.

Thesis: *The Biography of Francis Marion Bralley, LL.D.*

*MINNIE EVA MCCARTY, B.A., English, History, and Philosophy.

Thesis: *A Study of Keats's Theory of Beauty.*

*CLIVE WELLS MCCLELLAND, B.A., C.E., Pure Mathematics and Physics.

Thesis: *Compass Constructions in Geometry.*

*MARY AGNES MCFARLAND, B.A., Comparative Literature, Latin, and English.

Thesis: *Byron's Reading and Its Influence on His Works from 1807 through the First Canto of "Childe Harold."*

*LULA LEE MCMEANS, B.A., Education, English, and Anthropology.

Thesis: *The History and Present Status in Texas of the Training of Teachers of English for High Schools.*

*ARTHUR EDWARD MACKEY, B.A., Education, Economics, and Philosophy.

Thesis: *Comparative Teaching Salary Costs in the University of Texas.*

*JESSE ROBERT MANNING, B.B.A., Economics and History.

Thesis: *Some Results of a Survey of the Operation of the General Property Tax in Gainesville, Texas.*

*Conferred on Commencement Day of the Summer Session.

ROSCOE COLEMAN MARTIN, B.A., Government and History.

Thesis: *The Farmers in Texas Politics, 1875-1900.*

JAMES DARDEN MATHIS, B.A., Physics and Electrical Engineering.

Thesis: *Electric Wave Filters.*

*VERA LEE MOORE, B.A., Education, Psychology, and Anthropology.

Thesis: *The Motivation of Spanish Teaching in High Schools.*

*FRANCES DOUGLAS MYRICK, B.A., Botany, Zoology, and Chemistry.

Thesis: *Some Factors Involved in the Diffusion of Color in Endo Agar.*

ALBERT GRANDISON NASH, B.A., Economics, Philosophy, and Psychology.

Thesis: *The Wage Theories of Some American Economists.*

*IRA IRL NELSON, B.A., Education and Mathematics.

Thesis: *The Use of Public Schools for Student Teaching.*

JACOB LORENZ NEU, B.A., English, Comparative Literature, and History.

Thesis: *The Life and Work of Rufus Wilmot Griswold.*

FRANK EDGAR NORTON, B.A., History and Education.

Thesis: *The Major Administrative Policies of Oran Milo Roberts, with an Introduction to His Life.*

*BRUCE LOGAN PARKER, B.A., History, Economics, and Education.

Thesis: *Indian Affairs and the Frontier of Texas, 1865-1880.*

*FRANCES BLACKBURN PENDLEY, PH.B., English and History.

Thesis: *Eustace Budgell: His Life and Work.*

*ELSIE PERLITZ, B.A., German, Spanish, and English.

Thesis: *Zur Neuhochdeutschen Wortstellung.*

CHARNER MARQUIS PERRY, B.A., Philosophy and Anthropology.

Thesis: *The Principal Theories of Moral Motivation in English Philosophy of the Eighteenth Century.*

*PELLA PHIPPS, B.A., Spanish, English, and Latin.

Thesis: *The Mysticism of Amado Nervo.*

*ROBERT THOMAS PRITCHETT, B.A., History, Education, and Philosophy.

Thesis: *Impeachment Proceedings in Congress Against John Charles Waltrous of Texas, 1851-1861.*

FRED GRIFFITH RAND, B.A., B.D., Education and Economics.

Thesis: *A Study of Pupil Elimination in the John T. Allan Junior High School of Austin, Texas, During the School Year 1924-1925.*

*PAUL KLEIN REES, B.A., Mathematics, Physics, and Education.

Thesis: *Scholastic Populations—Reported and Indicated by Life Tables.*

*JAMES ROBERT REYNOLDS, B.A., Government and History.

Thesis: *The Administration of the Texas Prison System.*

*Conferred on Commencement Day of the Summer Session.

MRS. RUTH MILLER RODGERS, B.A., Anthropology, English, and Psychology.

Thesis: *Some Physical and Social Effects of White Contacts on Primitive Peoples.*

CARL MARTIN ROSENQUIST, B.S., Economics and Psychology.

Thesis: *A History of the Prisons of Texas.*

*ARTHUR MCCULLOUGH SAMPLEY, B.A., English and History.

Thesis: *Plot-Structure in Peele's Plays.*

*ISAAC CHRISTOPHER SANDERS, B.A., Physics and Pure Mathematics.

Thesis: *The Measurement of the Velocity of Sound in Rock Salt Crystals.*

WALTER ADOLPH SCHULZE, B.A., Chemistry, Pure Mathematics, and Mechanical Engineering.

Thesis: *1-Phenyl-1-Hydrazo-ethane and Related Compounds.*

FLORENCE GERTRUDE SETTLES, B.A., Zoology, Botany, and Pure Mathematics.

Thesis: *The Effect of Age and X-Rays on the Selection of Male Gametes in Drosophila Melanogaster.*

*ANNE ENOLA SHEPPERD, B.A., Latin and English.

Thesis: *The Position of Women in Rome in the Age of Pliny and Tacitus.*

*RUTH KARLENE SHIFFLETTE, B.A., Education, English, and History.

Thesis: *An Analysis and Criticism of the Prescribed Courses of*

*EMMA LEE SNUGGS, B.A., Latin and Education.

Study in American Literature in the Public Secondary Schools in the United States.

*FREDERICK ADAIR SMITH, B.A., Government, History, and Education.

Thesis: *Soviet Russia.*

Thesis: *Vergilian Pictures.*

MARY AITON STEUSSY, B.A., Chemistry and Botany.

Thesis: *A Chemical Investigation of the Pollen of the Mountain Cedar, Part I.*

*ANGIE GERTRUDE STILES, B.A., Chemistry, Botany, and Zoology.

Thesis: *The Heat of Solution of Sulphur Dioxide.*

*CHARLOTTE MARGARET OPENHEIMER STODDARD, B.A., Psychology and Education.

Thesis: *Psychological Tests of Student Nurses.*

ROBERT GOTTFRIED STOLL, B.A., Spanish, German, and English.

Thesis: *Estudio comparativo de la Materia Histórica de las Piezas "El Mayor Monstruo los Celos y Tetrarca de Jerusalem" y "Herodes y Mariamne."*

*CHARLES PINCKNEY STRICKLAND, B.A., Education and History.

Thesis: *Changes in Subject Matter in Elementary Mathematics, with Special Reference to the Junior High School.*

*Conferred on Commencement Day of the Summer Session.

SUE TAYLOR, B.A., English, Economics, and Latin.

Thesis: *The Art of Emily Dickinson.*

*ROBERT BOLAR UNDERWOOD, B.A., History, Government, and Economics.

Thesis: *Efforts of the Whigs to Re-establish a United States Bank in 1841-1842.*

*GROVER CLEVELAND VAUGHN, B.A., Economics and Education.

Thesis: *Land Taxation Policy in Texas with Special Reference to Natural Resources.*

*LAURA WALLACE, B.A., Latin and English.

Thesis: *Every-day Life and Every-day Language in Horace's Satires and Epistles.*

PAULINE BELLE WARNER, B.A., English and Education.

Thesis: *The Indian in American Poetry of the Nineteenth Century.*

MRS. GRACE RAY WEST, B.S., Pure Mathematics and Education.

Thesis: *Intuitive Geometry.*

*PEARL WEST, B.A., Education, History and Latin.

Thesis: *An Experimental Study of the Influence of Latin on English Vocabulary, Spelling and Grammar.*

*FRANCES WHATLEY, B.A., Spanish, French, and English.

Thesis: *Un Estudio de Unas Piezas Históricas de Calderón en Relación con Algunas de Shakespeare.*

*CHARLES FRED WIEBUSCH, B.A., Physics, Electrical Engineering, and Civil Engineering.

Thesis: *Cathode Ray Oscillograph.*

*SISTER MARY STEPHANA ZAGST, B.A., English and Education.

Thesis: *Francis Thompson: His Mind and Art.*

Master of Business Administration

*LEO GUY BLACKSTOCK, B.A., Business Administration.

Thesis: *The Difference between Offer and Invitation to Treat in the Formation of Contracts.*

JOHN RAYMOND HOWE, A.B.

Thesis: *The Iron and Steel Trade between the United States and Great Britain.*

JAMES BAKER MARLEY, B.A.

Thesis: *An Analysis of Ice Delivery Methods with Particular Attention Being Given to Practices of the Texas Industry.*

*MARVIN ALTON PATRICK, B.B.A., Business Administration.

Thesis: *A Survey of Land Colonization Companies in Texas.*

Master of Science in Electrical Engineering

*JAMES A. CORRELL, B.S. in E.E., B.S. in M.E., Electrical Engineering, Applied Mathematics, and Mechanical Engineering.

Thesis: *The Effect of Synchronous Machine Characteristics on the Power Limitations of Transmission Lines.*

*Conferred on Commencement Day of the Summer Session.

LONG SESSION OF 1925-1926

GRADUATE STUDENTS

ABBREVIATIONS

An. _____	Anthropology	Ger. _____	German
A.M. _____	Applied Mathematics	Gov. _____	Government
Arch. _____	Architecture	Gk. _____	Greek
A.R.T. _____	Bible	H. _____	History
B. _____	Botany	H.E. _____	Home Economics
B.Ad. _____	Business Administration	J. _____	Journalism
C. _____	Chemistry	L. _____	Latin
Ch.E. _____	Chemical Engineering	M. _____	Pure Mathematics
C.E. _____	Civil Engineering	M.E. _____	Mechanical Engineering
C.L. _____	Comparative Literature	P. _____	Physics
D. _____	Drawing	Phil. _____	Philosophy
E. _____	English	P.Ed. _____	Physical Education
Ec. _____	Economics	P.S. _____	Public Speaking
Ed. _____	Education	Psy. _____	Psychology
E.E. _____	Electrical Engineering	S. _____	Spanish
F. _____	French	Z. _____	Zoology
Geol. _____	Geology		

Brackets ([]) indicate undergraduate courses.

HOLDERS OF FELLOWSHIPS AND SCHOLARSHIPS, 1925-1926

University Advanced Fellowships

Chemistry.—*Carl August Nau, B.A., M.A., Yorktown.
Education.—Bertha Kathleen Duncan, B.A., M.A., Grenada, Miss.
Education.—Raymond Ernest Garlin, B.A., M.A., Austin.
Education.—Bertram Harry, B.S., M.A., San Marcos.
History.—*Rudolph Leopold Bieseke, B.A., M.A., Seguin.
History.—Polly Pearl Crawford, B.A., M.A., Corpus Christi.
History.—Rupert Norval Richardson, B.A., PHB., M.A., Abilene.
History.—*William Homer Tyre, B.A., M.A., Austin.

University Fellowships

Business Administration.—Sidney Douglas Jackson, B.A., Franklin.
Economics.—Edmund K. Moody, B.A., Austin.
Education.—*Arthur Edward Mackey, B.A., M.A., Harrisonburg, La.
English.—Annie Blanche Horton, B.A., Grand Prairie.
English.—Elizabeth Mina Smith, B.A., Austin.
English.—†Mamie E. Smith, B.A., Denton.
History.—*Charles Chovanetz, B.A., Shiner.
History.—*Mrs. Norman Anderson (*nee* Mary E. Dunlap), B.A., Cleburne.
Latin.—John Donna Newcomer, B.A., Silsbee.
Psychology.—Rosemary Walling, B.A., Austin.

*Resigned.

†Beginning January 1, 1926.

National Research Fellowship

Mathematics.—H. M. Gehman, PH.D., University of Pennsylvania, appointed by the National Research Council Fellowship Board to be associated with Professor R. L. Moore, at the University of Texas.

Walden-Beard Fellowship

Economics.—Robert Hargrove Montgomery, B.A., M.A., Adjunct Professor of Economics, Austin.

Malcolm Hiram Reed, Jr. Fellowship

English.—Floyd Herman Stovall, B.A., M.A., Austin.

Charles Durand Oldright Fellowship

Philosophy.—Stanley Goodrich Slavens, B.A., Austin.

Edgar Lewis Marston Fellowship

Mathematics.—Cletus Odia Oakley, B.S. in E.E., Providence, R.I.

University Scholarships

Economics.—*Karl M. Scott, B.A., Cunningham, Kan.

History.—Alphonse Robins, B.A., Leeds, England.

Peabody Scholarship in Education

Lewis Briscoe Cooper, B.S., Austin.

TUTORS

BAILEY, MILDRED LEE, *Romance Languages*.

B.A., Texas, 1923.

BAUGH, MRS. ROSE MOFFETT, *English*.

B.A., Baylor, 1911; M.A., Texas, 1926.

BEARD, CAMPBELL BRYCE, *Government*.

B.A., Texas, 1925.

BECK, CORA MAE, *Chemistry*.

B.A., Texas, 1925.

BERKMAN, ANTON HILMER, *Botany*.

B.A., Texas, 1924; M.A., 1926.

*Resigned.

BOON, GUTHRIE B., *Chemistry*.

B.A., Ripon College, 1923.

DURBAN, SEBASTIAN ANTHONY, *Chemistry*.

B.S. in Ch.E., Alabama Polytechnic Institute, 1923; M.A., Texas, 1926.

GAHAGAN, LAWRENCE, *Psychology*.

B.S., Princeton, 1925.

HENNINGER, FLORENCE NADINE, *Botany*.

B.A., Texas, 1925; M.A., 1926.

HOOKE, LYLE TRAVERS, *Zoology*.

B.A., Texas, 1925.

HOWELL, LYNN GORMAN, *Physics*.

B.A., Texas, 1925; M.A., 1926.

JOHNSTON, OLA, *Zoology*.

B.A., Texas, 1924; M.A., 1926.

KEHOE, IRENE ELIZABETH, *Zoology*.

B.A., Texas, 1925; M.A., 1926.

KNOWD, CHARLOTTE, *Chemistry*.

B.A., Texas, 1925.

KOHLER, HENRY FRED, *Chemistry*.

B.S. in Ch.E., Texas, 1924.

LING, MILTON FRANK HENRY, *English*.

B.A., Texas, 1921.

MARSHALL, ANN ELIZABETH, *Botany*.

B.A., Texas, 1924; M.A., 1926.

MEIER, HERBERT HERMAN, *Chemistry*.

B.S. in Ch.E., Texas, 1924.

MIEARS, AMY, *Technician in Zoology*.

B.S. in H.E., Texas, 1925.

PENN, MARION, *Zoology*.

B.A., Texas, 1923.

PETERS, ROGER, *English*.

B.A., Texas, 1924.

PETTY, MARVIN LEIGH, *Chemistry*.

B.A., Texas, 1916.

SCHUG, HOWARD LESHER, *Romance Languages*.

B.A., Michigan, 1904; M.A., 1906.

SEABURY, MARGARET FRANCES, *Chemistry*.

B.A., Texas, 1925.

STREATOR, FLOYD EDWARD, *Chemistry*.

B.S. in Ch.E., Texas, 1924.

TANNICH, RICHARD EDGAR, *Chemistry*.

B.S. in Ch.E., Texas, 1925.

THIELE, GRACE EUNICE, *Zoology*.

B.A., Texas, 1924.

THROOP, PALMER ALLAN, *Romance Languages*.

B.A., Texas, 1923; M.A., 1926.

TULLIS, MRS. CORAL HORTON, *History*.

B.A., Texas, 1924.

ULLRICH, ALBERT HERMAN, *Chemistry*.

B.S., Texas, 1924; M.S., 1925.

WARDLOW, WESLEY BERNIE, *Chemistry*.

B.S., Texas, 1924.

- WHYBURN, GORDON THOMAS, *Chemistry*.
B.A., Texas, 1925.
- WILLBORN, HERBERT O., *Business Administration*.
B.B.A., Texas, 1925.
- WORK, MAI ISABEL, *Classical Languages*.
B.A., Oklahoma, 1917.

ASSISTANTS

- AKKERMAN, JOHN WILLIAM, *Civil Engineering*.
B.S. in C.E., Texas, 1926.
- ALEXANDER, GERTRUDE, *Art of Teaching*.
B.A., Texas, 1925.
- BAKER, LAVONIA ALLEYNE, *Psychology*.
B.A., Texas, 1924; M.A., 1926.
- BANKS, THOMAS RUSSELL, *Economic Geology*.
B.A., Texas, 1923.
- CHRISTNER, HAROLD REED, *Economic Geology*.
B.A., Texas, 1925.
- COOPER, LEWIS BRISCOE, *Educational Administration*.
B.S., North Texas State Teachers College, 1922; M.A., Texas, 1926.
- *EIKEL, BARBARA PLATT, *English*.
B.A., Texas, 1924.
- HASCHKE, HARRY HERMAN, *History*.
B.A., Texas, 1925.
- HAWTOFF, E. MANUEL, *Economic Geology*.
B.A., Baylor University, 1920.
- HOLT, ROY DAVIS, *History*.
B.A., Trinity University, 1920; M.A., Texas, 1925.
- MCALLISTER, SAMUEL BERTRAM, *History*.
B.A., Texas, 1926; M.A., Texas, 1926.
- MCLEAN, MAMIE FRANCIS, *English*.
B.A., Southwestern, 1913.
- MAULDIN, MRS. MYRTLE LOKEY, *English*.
B.A., Texas, 1925.
- PILCHER, JOHN FULLER, *Chemistry*.
B.A., Ohio Wesleyan, 1925.
- PRESTON, JOSEPH BRADFORD, *History*.
B.A., Park College, 1920; M.A., Texas, 1922.
- RENSHAW, RALPH RAYMOND, *Civil Engineering*.
B.S. in C.E., Texas, 1926.
- ROADY, JOHN MCKINLEY, *Chemistry*.
B.A., North Texas State Teachers College, 1924.
- SCHAEFFER, ALICE OPHELIA, *Comparative Literature*.
B.A., Texas, 1925.
- TEDFORD, RALPH GRATTAN, *Philosophy, Philosophy of Education*.
A.A., Harvard, 1924; Ed.M., 1925.
- VOIGHT, ROLAND BEAUREGARD, *Government*.
B.A., Texas, 1925; M.A., 1926.

*Served only part of the session.

WALKER, MYRLE LOUISE, *Romance Languages*.

B.A., Baylor College, 1923.

WEAVER, FINDLEY, *Economics and Sociology, Business Administration*.

B.B.A., Texas, 1924; M.A., 1926.

WHITE, HENRY FORD, *History*.

B.A., Sam Houston State Teachers College, 1920; M.A., Baylor, 1921.

LIST OF STUDENTS

LONG SESSION OF 1925-1926

Abshear, Laura Evalyn	Ec., E., C.L.	Austin
	B.A., University of Texas, 1925	
Adams, Frederick Joseph	Ed.	Austin
	B.A., University of California, 1919; M.A., 1922	
Adams, Logan Sidney	Ed., Ec., S.	Austin
	B.A., Howard Payne College, 1924	
Adams, Mary Ethel	Ed., M.	Cleburne
	B.A., West Texas State Teachers College, 1920	
Akkerman, John William	C.E.	San Antonio
	B.S. in C.E., University of Texas, 1926	
Alden, Harry Carl	Ed.	Round Rock
	B.A., Augustana College, 1918; B.D., 1922	
Alderson, Curtis Jackson	Ec., Gov.	Austin
	B.A., University of Texas, 1922; LL.B., 1922	
Alexander, Ruth	Ed.	Dallas
	B.A., University of Texas, 1925	
Allen, Louise Virginia	E.	Austin
	B.A., University of Texas, 1916; M.A., 1924	
Allen, Thomas Leonard	C.E., Geol.	Leander
	B.S. in C.E., University of Texas, 1925	
Anderson, Mrs. Mary Dunlap	H., E.	Austin
	B.A., University of Texas, 1925	
Anderson, Norman	Phil., Gk.	Austin
	B.A., University of Texas, 1921	
Andrews, John Nelson	Ec., Ed.	Plano
	B.A., East Texas State Teachers College, 1921	
Arnold, Marcus Llewellyn	H.	San Marcos
	B.A., University of Texas, 1906; M.A., 1920	
Asmus, Lewis Durand	C.E.	Austin
	B.S. in C.E., Drexel Institute, 1918; C.E., George Washington University, 1922	
Bachle, Hugo	Ed., Ger.	Nordheim
	B.S., Southwest Texas State Teachers College, 1921; M.A., University of Texas 1925	
Bailey, Mildred Lee	S., F.	Austin
	B.A. University of Texas, 1923	
Baker, Lavonia Alleyne	Psy., An.	Coleman
	B.A., University of Texas, 1924	
Baldwin, James Willis	Ed.	New Tazewell, Tenn.
	B.A., Lincoln Memorial University, 1917; M.A., Columbia University, 1925	
Banks, Mrs. Dorothy Burr	B., C.	Austin
	B.A., University of Texas, 1923	
Banks, Thomas Russell	Geol., B.	Austin
	B.A., University of Texas, 1923	
Barnes, Mrs. Mamie Lee Morris	H., E.	Abilene
	B.A., Simmons College, 1923	
Barnhart, Mrs. Ruth Tenison	F., Phil.	Austin
	B.A., University of Texas, 1921; M.A., 1924	
Baugh, Mrs. Rose Moffett	E., H.	Austin
	B.A., Baylor University, 1911	
Beard, Campbell Bryce	Gov., An.	Fort Worth
	B.A., University of Texas, 1925	
Beck, Cora Mae	C., B.	Wills Point
	B.A., University of Texas, 1925	
Bedichek, Roy	Ed.	Austin
	B.S., University of Texas, 1903	
Begg, Edleen	E.	Austin
	B.A., University of Texas, 1913	
Berkman, Anton Hilmer	B., C., Geol.	Round Rock
	B.A., University of Texas, 1924	
Bieseke, Rudolph Leopold	H.	Austin
	B.A., University of Texas, 1909; M.A., 1910	

Bieter, Albert John	Ec.	Austin
Blackman, Albert Morris	B.J., University of Texas, 1925	Austin
Blanton, Annie Webb	Ed., Ec.	Austin
Blau, Ludwig Wilhelm	B.Lit., University of Texas, 1899; M.A., 1923	Lipscomb
Boner, Charles Paul	B.A., West Texas State Teachers College, 1925	Austin
Boon, Guthrie Bates	B.A., University of Texas, 1920; M.A., 1922	Downers Grove, Ill.
Bounds, Alva Wood	C.E., C., E.E., M.E.	Austin
Boyd, William Paxton	B.A., Ripon College, 1923	Austin
Brenizer, Lester C.	Gov., H.	Denton
Broughton, Stockton Donley	LL.B., University of Texas, 1922; B.A., 1923	Austin
Brown, Maury Bright, Jr.	E., C.L.	Austin
Buchanan, Constance Ruth	B.A., North Texas State Teachers College, 1925	Austin
Burleson, Mrs. Eugenia Rountree	S., H.	Austin
Calloway, Virginia	B.A., University of Texas, 1912	Mt. Vernon
Carmack, James Carl	Geol., An.	Austin
Cauley, Troy Jesse	B.A., University of Texas, 1924	Comanche
Chandler, Jefferson Madison	H., Gov.	Austin
Christian, Aria Lemial	B.A., University of Texas, 1925	Penelope
Christner, Harold Reed	E., L., C.L.	Austin
Clapp, Sarah Lewis Carol	B.A., University of Texas, 1921; M.A., 1922	Bowie
Claypool, Hugh S.	B.A., University of Texas, 1925	Austin
Cleveland, Clark Milton	S., Ed.	Austin
Cocke, Dewitt Walker	B.A., North Texas State Teachers College, 1925	Austin
Colby, Malcolm Young	C., P.	Austin
Cooke, Mrs. Alice Lovelace	B.A., North Texas State Teachers College, 1923	Austin
Cooke, Mildred Louise	Ec., Gov., H.	Austin
Cooper, Lewis Briscoe	B.A. University of Texas, 1926	Austin
Cox, Elizabeth Knox	Ec., H.	Austin
Crawford, Polly Pearl	B.A., Simmons College, 1922	Corpus Christi
Damon, Henry Gordon, Jr.	M., P.	Austin
Darnell, William Leonard	B.A., Baylor University, 1924	Austin
Davis, James Ludwell	Geol.	San Augustine
de Chaudron, Albert le Ruette	B.A., University of Texas, 1925	Austin
DeLany, Francis Marion	E., Ed., Phil.	Dallas
Dillingham, Thelma	B.A., Daniel Baker College, 1915	Austin
Dimmitt, Luther Mason	P., M.	Austin
Dobie, Mrs. Bertha McKee	B.A., University of Texas, 1915; M.A., 1925	Austin
	E., H.	Austin
	B.A., University of Texas, 1920; M.A., 1923	Austin
	B.	Austin
	B.A., University of Texas, 1921	Austin
	Ed., Ec., Psy.	Austin
	B.S., North Texas State Teachers College, 1922	Austin
	Z., B.	Austin
	B.A., University of Texas, 1924; M.A., 1925	Austin
	H., E.	Austin
	B.A., University of Texas, 1924; M.A., 1925	Austin
	Geol.	Austin
	B.S., Vanderbilt University, 1906; M.A., University of Texas, 1924	Austin
	H., Gov.	Austin
	B.A., University of Texas, 1923	Austin
	Gk.	Austin
	B.A., Rice Institute, 1922	Austin
	F., S.	Austin
	B.A., Southwest Texas State Teachers College, 1925	Austin
	Ed.	Austin
	B.A., University of Texas, 1921	Austin
	Ed., E.	Austin
	B.A., University of Texas, 1922	Austin
	Ed., Phil.	Austin
	B.A., Westminster College (Missouri), 1920; Th.M., Princeton, 1922;	Austin
	M.A., University of Texas, 1924	Austin
	E.	Austin
	B.A., Southwestern University, 1910; M.A., University of Texas, 1918	Austin

Dodson, Sarah Clara	E.	Austin
	B.A., University of Texas, 1922; M.A., 1924	
Dornberger, Werner William	Arch., C.E.	Austin
	B.S. in Arch., University of Texas, 1922	
Douglas, Oscar Berry	Ed., Phil.	Austin
	B.A., Texas Christian University, 1920; M.A., University of Texas, 1924	
Dryer, Linnie	Ed.	Austin
	B.A., University of Texas, 1922	
Duncan, Bertha Kathleen	Psy., Phil., Ed.	Wichita Falls
	B.A., College of Industrial Arts, 1920; M.A., University of Texas, 1924	
Durban, Sebastian Anthony	C., P.	Nashville, Tenn.
	B.S. in Ch.E., Alabama Polytechnic Institute, 1923	
Eagan, Sister Clement	E.	San Antonio
	B.A., Incarnate Word College, 1923	
Eikel, Barbara Platt	E., S., Phil.	Austin
	B.A., University of Texas, 1924	
Elder, Thomas Ray	Gk.	Wright, La.
	B.A., Austin College, 1924	
Ellis, Mildred	Gov., H.	Lufkin
	B.A., University of Texas, 1925	
Ervin, Wilma	Ed.	Austin
	B.A., Anderson College, 1917	
Evans, Mrs. Alice Brittain	H., F., Ec.	Austin
	B.A., University of Oklahoma, 1916; M.A., University of Texas, 1924	
Evans, Arthur Wilson	Ed., Ec.	Lubbock
	B.A., Oxford College, 1890; M.A., University of Texas, 1924	
Farmer, Garland Henderson	Ec., Phil.	Manor
	B.A., Johnson Bible College, 1915; B.A., University of Texas, 1926	
Farris, Marshall Elmer	M.E., Arch.	Austin
	B.S. in M.E., Purdue University, 1922	
Fitzhugh, Mrs. Ammadee Butler	An.	Austin
	B.A., University of Texas, 1925	
Fouraker, Raymond Spivey	E.E.	Austin
	B.S., Texas A. and M., 1914	
Frazer, Mattie	B.Ad., E.	Austin
	B.A., University of Texas, 1923; M.B.A., 1924	
Fuller, Roden Jones	Ec., H.	Austin
	B.A., University of Texas, 1925	
Furey, Ellen Dora	C.	Beaumont
	B.A., Our Lady of the Lake College, 1924	
Gafford, Burns Newman	E.E.	Austin
	B.S. in E.E., University of Texas, 1923	
Gafford, Frank Hall	An., H.	Austin
	B.A., University of Texas, 1925	
Gahagan, Lawrence	Phil., An., Psy.	Dallas
	B.S., Princeton, 1925	
Garlin, Raymond Ernest	Ed., Ec.	Austin
	B.A., University of Texas, 1920; M.A., 1921	
Garner, Robert Jewel	Ed., Ec.	Denton
	B.A., University of Texas, 1923	
Garrett, Elizabeth DeWalt	An.	Galveston
	B.A., University of Texas, 1924	
Garza, Rachel	S., F.	Austin
	B.A., University of Texas, 1922; M.A., 1923	
Gehman, Harry Merrill	M.	Norberth, Pa.
	B.A., University of Pennsylvania, 1919; M.A., 1920; Ph.D., 1925	
Gill, Erma May	E.	Austin
	B.A., University of Texas, 1916; M.A., 1920	
Good, Benjamin Hervey	Ec., H.	Union City, Tenn.
	B.A., University of Texas, 1923; M.A., 1924	
Goodwin, Richard Henry	B.Ad., Ec.	Austin
	B.B.A., University of Texas, 1926	
Graham, Philip Edwin	E., C.L., L.	Austin
	B.A., University of Texas, 1923; M.A., 1923	
Green, Oscar Frederick	Phil.	Lockhart
	B.A., Rice Institute, 1916; B.D., Episcopal Theological School of Cambridge, 1921	
Green, Thomas Coleman	C., B.	Austin
	B.A., Howard Payne College, 1922	
Greer, James Kimmins	H., Ec.	Austin
	B.A., University of Texas, 1918; M.A., 1922	
Groome, Sister Mary Veronica	Ed., E.	Austin
	B.A., University of Texas, 1920; M.A., Columbia University, 1924	
Haley, J. Evetts	H., Ed., E.	Midland
	B.A., West Texas State Teachers College, 1925	
Hamlett, George Whitfield Deluz	Z., B.	Austin
	B.A., University of Texas, 1922; M.A., 1923	

List of Students, Long Session of 1925-1926 165

Hamlett, Mrs. Iona Cuyler	An., Ed.	Austin
	B.A., University of Texas, 1922; M.A., 1923	
Hancock, Charles Frederick	B.Ad., Ec.	Wapounecka, Okla.
	B.A., University of Texas, 1905; B.D., Princeton, 1906	
Hanna, Paul Dean	Gk.	Sherman
	B.A., Austin College, 1925	
Harper, Jean Maude	Ed., H. E.	Ruston, La.
	B.A., Henderson-Brown College, 1908	
Harry, Bertram	Ed., Ec.	San Marcos
	B.S. in Ed., University of Missouri, 1917; M.A., 1918	
Haschke, Harry Herman	H., Gk.	Austin
	B.A., University of Texas, 1925	
Hawkins, Ila May	S.	Abilene
	B.A., Simmons College, 1922; M.A., University of Texas, 1925	
Hawtof, E. Manuel	Geol.	Waco
	B.A., Baylor University, 1920	
Head, John Howard	Ed., H.	Waco
	B.A., Baylor University, 1903	
Helmes, Daphne	Ed., L.	Josephine
	B.A., Texas Christian University, 1915	
Helwig, William Frank	E.E.	Great Falls, Mont.
	B.S. in E.E., University of Minnesota, 1923	
Hendricks, Henry George	H., Ec.	Silsbee
	B.A., University of Texas, 1924; M.A., 1925	
Henninger, Florence Nadine	B., Ed., Z.	Austin
	B.A., University of Texas, 1925	
Hicks, Joseph Harkess	Ed., Gov.	Port Neches
	B.S., National Normal University, 1898; M.D., University of the South, 1904	
Hodges, Clarence	P., M.	Govina, Calif.
	B.A., University of Texas, 1921; M.A., 1924	
Holland, Benjamin Franklin	Ed.	Clegg
	B.A., Abilene Christian College, 1922; M.A., University of Texas, 1925	
Holt, Mrs. Mildred Pearce	Ed., M., Phil.	Santa Anna
	B.A., College of Industrial Arts, 1922	
Holt, Roy Davis	H., Ec.	Santa Anna
	B.A., Trinity University, 1920; M.A., University of Texas, 1925	
Hooker, Lyle Travers	Z., B.	Paris
	B.A., University of Texas, 1925	
Horton, Annie Blanche	E., F.	Grand Prairie
	B.A., University of Texas, 1925	
Howell, Lynn Gorman	P., M.	Winnsboro
	B.A., University of Texas, 1925	
Howell, Silas	Ed., E.	Burnet
	B.A., Abilene Christian College, 1920	
Hubbard, Louis Herman	Ed., E.	Austin
	B.S., University of Texas, 1903; M.A., 1919	
Huberich, May Bess	Ed., F.	Austin
	B.A., University of Texas, 1924	
Hudson, Ruth	E., H.	Paris
	B.A., University of Texas, 1922	
Ingram, Albert L.	Ed., Gk.	San Marcos
	B.A., Baylor University, 1920	
Irvine, Mrs. Annie Sowell	E., L.	Austin
	B.A., University of Texas, 1908; M.A., 1924	
Jackson, Lola	H., Ec.	Gladewater
	B.A., North Texas State Teachers College, 1924	
Jackson, Sidney Douglas	B.Ad.	Franklin
	B.A., University of Texas, 1925	
Jarrell, Verda Virginia	E., H.	Bishop
	B.A., Brenau College, 1924; B.J., University of Texas, 1925	
Jessen, Elfrieda	Ger.	Austin
	B.A., University of Texas, 1924	
Jessen Emmy Adele	Ger.	Austin
	B.A., University of Texas, 1924	
Johnston, Ola	Z., B.	Burke
	B.A., University of Texas, 1924	
Jones, Burwell Whitman	B.Ad.	Abilene
	B.A., Simmons College, 1925	
Kehoe, Irene Elizabeth	B., Z.	Shafter
	B.A., University of Texas, 1925	
Kennedy, Ernest Carlton	M., C.	Austin
	E.M., University of Texas, 1921	
Kieffer, Annie Rae	Psy., C.L., Ed.	San Angelo
	B.A., University of Texas, 1923	
King, Philip Burke	Geol.	Iowa City, Iowa
	B.A., University of Iowa, 1924	

Knowd, Charlotte Kathyne	C., B.	Temple
Knudson, Jack Winfred, Jr.	B.A., University of Texas, 1925 M., E.E.	McAllen
Kohler, Henry Fred	B.S. in E.E., University of Texas 1925 C., C.E.	San Antonio
Lancaster, Linda	B.S. in Ch.E., University of Texas, 1924 Ec.	Lockhart
League, Bessie Beakley	B.A., University of Texas, 1920; M.A., 1925 Z.	Martindale
Ledlow, William Franklin	B.A., University of Texas, 1921; M.A., 1925 Ed.	Austin
Ling, Milton Frank Henry	B.A., Polytechnic, 1913; M.A., University of Texas, 1914 E., Ger., Phil.	San Antonio
Littman, Moselle	B.A., University of Texas, 1921 Ed.	Austin
Logan, Jack	B.A., University of Texas, 1914 E., C.L.	Austin
Long, Clarence Byron	B.J., University of Texas, 1925 B.Ad.	Cleburne
Lowe, Lillian Virginia	B.A., University of Texas, 1925 H., B.Ad.	De Leon
Lundelius, George Alfred	B.A., University of Texas, 1920 Ec., Gov.	Georgetown
Lung, Inez	B.A., University of Texas, 1924 Gov., H.	Austin
Lusk, Jean Marie	B.A., University of Texas, 1923 E.	San Marcos
McAllister, Samuel Bertram	B.A., Southwest Texas State Teachers College, 1924 H., Gov.	Venus
McCormick, Mrs. Irelene DeWitt	B.A., University of Texas, 1926 H., F.	Austin
McDaniel, Mrs. Susie Taylor	B.A., Wells College, 1911 E., Ed.	Elgin
McGuire, Lola Angela	B.A., University of Texas, 1926 E., H.	Tulia
McGuire, Mary Tallulah	B.A., West Texas State Teachers College, 1924 Ed.	Austin
McLaurin, Banks	B.A., University of Texas, 1925 C.E.	Austin
McLean, Mamie Francis	C.E., University of Texas, 1911 E., H., C.L.	Clarendon
Mackey, Arthur Edward	B.A., Southwestern University, 1913 Ed., Ec., Phil.	Harrisonburg, La.
Manz, Karl George	B.A., Peabody College, 1904; M.A., University of Texas, 1925 Gk.	Austin
Maris, Wiley Dee	B.A., University of Texas, 1925 Ec., Gov., B.Ad.	San Antonio
Marshall, Ann Elizabeth	B.A., University of Texas, 1924 B., Ed., Z.	Hearne
Martin, Roscoe Coleman	B.A., University of Texas, 1924 Ec.	Austin
MarYosip Michael	B.A., University of Texas, 1924; M.A., 1925 Phil., Ec.	Georgetown
Mauldin, Mrs. Myrtle Lokey	B.A., Davidson College, 1911 E., Ger., C.L.	Slaton
Maxwell, Mrs. Ferne Beane	B.A., University of Texas, 1925 Phil., Ec.	Dallas
Maxwell, Homer Robert	B.A., University of Texas, 1919 Ec., Gov., S.	Wayland
May, Ellen Douglas	LL.B., University of Texas, 1925 E., Ed.	Huntsville
Mayhall, Mrs. Mildred Pickle	B.A., Sam Houston State Teachers College, 1924 An., Geol., Psy	Austin
Meier, Herbert Herman	B.A., University of Texas, 1924 C.E., M.E.	Marlin
Merchant, Grace Glenn	B.S. in Ch.E., University of Texas, 1924 Ed.	Giddings
Miears, Amy	B.S. in H.E., University of Texas, 1925 Arch.	Dale
Montgomery, Mollie	B.S. in H.E., University of Texas, 1925 E.	Austin
Moody, Edmund K	B.A., University of Texas, 1924 Ec., E., Phil.	Austin
Moore, Jessie Susan	B.A., University of Texas, 1925 H., Ed.	Austin
	B.A., University of Texas, 1924	

Moore, Margaret Carrington	B., C.	San Antonio
	B.S., University of Chicago, 1921	
Moore, Mrs. Olivia LeSueur	Ed.	Austin
	B.A., University of Texas 1919	
Moore, Victor Ivan	Ec.	Austin
	B.A., Vanderbilt University, 1903	
Moseley, Joel Nathaniel	Ed., H.	Alba
	B.A., University of Texas, 1916	
Mowrey, Mrs. Beulah Spencer	Ed., S.	Austin
	B.A., Baylor College, 1919	
Mullings, Marcus Evans	M., P.	Post
	B.A., University of Texas, 1924	
Nelson, George Frederic	M., P.	Mt. Calm
	B.S., East Texas State Teachers College, 1925	
Nelson, Ira Irl	Ed., M.	Austin
	B.A., University of Texas, 1910; M.A., 1925	
Neu, Jacob Lorenz	E.	Austin
	B.A., University of Texas, 1909; M.A., 1925	
Newcomer, John Donna	L., H., Gk.	Silsbee
	B.A., University of Texas, 1925	
Northington, Alma Daisy	E., H., Ed.	Huntsville
	B.S., Sam Houston State Teachers College, 1924	
Norwood, Mary Ruth	F., E., Ed.	Abilene
	B.A., University of Texas, 1923	
O'Byrne, Sister Michael Edward	P., A.M., C.	San Antonio
	B.A., Incarnate Word College, 1925	
Oldham, Mabel Ruth	M., E., Ed.	Dallas
	B.A., Southern Methodist University, 1920	
Oldham, Tula Gay	B.Ad., Ec., M.	Dallas
	B.S., Southern Methodist Unversty, 1924	
Palm, Mrs. Martha Meachum	Ec., H.	Austin
	B.A., University of Texas, 1910	
Parker, Clara May	Ed.	Austin
	B.A., University of Texas, 1913; M.A., 1920	
Paton, Maurice Elmo	Ed.	Almont, Mich.
	B.A., Michigan State Normal, 1925	
Patterson, Carter Ross	Ed.	Kyle
	B.A., Howard Payne College, 1919; B.S., Texas A. and M., 1923	
Patterson, Lois	H., S., C.L.	Midland
	B.S., North Texas State Teachers College, 1924	
Penn, Elizabeth	Ed.	Austin
	B.A., University of Texas, 1922	
Penn, Marion	Z., B.	Austin
	B.A., University of Texas, 1923	
Perkinson, Mrs. Itasca Sweet	Ed.	Dallas
	B.A., University of Texas, 1909; M.A., 1913	
Perlitz, Elsie	Ger., S.	San Antonio
	B.A., University of Texas, 1923; M.A., 1925	
Peters, Roger Paul	E., F.	Austin
	B.A., University of Texas, 1924	
Pettigrew, Dorothy Caroline	Ed.	Austin
	B.A., University of Texas, 1925	
Petty, Marvin Leigh	C., B.	Corpus Christi
	B.A., University of Texas, 1916	
Phenix, John Dewey	M.	Kaufman
	B.A., University of Texas, 1924	
Phipps, Pella	S.	Austin
	B.A., University of Texas, 1908; M.A., 1925	
Pilcher, John Fuller	C., M.	Austin
	B.A., Ohio Wesleyan College, 1925	
Pleasant, Emogen	An., E.	Austin
	B.A., University of Texas, 1923	
Posey, Meredith Neill	E.	Austin
	B.A., University of Texas, 1922; M.A., 1924	
Pressley, Ruth Peyton	E.	Austin
	B.A., University of Texas, 1919; M.A., 1921	
Preston, Joseph Bradford	Ed., H.	Austin
	B.A., Park College, 1920; M.A., University of Texas 1922	
Price, Ira Olive	Ec.	Austin
	B.A., University of Texas, 1923	
Raby, Miriam	Ed., E., H.	Gatesville
	B.A., Texas Woman's College, 1921	
Ramsdell, Mrs. Susannah Griffith	B., Z.	Austin
	B.S., University of Texas, 1904	
Reddick, Dewitt Carter	E., C.L., Gov.	Fort Worth
	B.J., University of Texas, 1925	

Rees, Paul Klein	M., P.	Center Point
	B.A., Southwestern University, 1923; M.A., University of Texas, 1925	
Rees, Warren Alonzo	M.	Austin
	B.A., Southwestern University, 1921	
Reming, Charles Peter	Arch.	Austin
	B.S. in Arch., University of Texas, 1925	
Renshaw, Ralph Raymond	C.E.	Decatur
	B.S. in C.E., University of Texas, 1926	
Rich, Wiley Daniel	B.Ad.	El Campo
	B.B.A., University of Texas, 1922	
Richardson, Mrs. Rupert Norval	F., H.	Abilene
	B.A., Simmons College, 1912	
Richardson, Rupert Norval	H.	Abilene
	B.A., Simmons College, 1912; Ph.B., University of Chicago, 1917; M.A., University of Texas, 1922	
Rippy, Thelma Lee	E., C.L., Ed.	Grandview
	B.A., University of Texas, 1922	
Roady, John McKinley	C.	Denton
	B.A., North Texas State Teachers College, 1924	
Robertson, John Houston	C.E.	Hillsboro
	B.S. in C.E., University of Texas, 1924	
Robins, Alphonse	H., Ec., Gov.	Leeds, England
	B.A., University of Texas, 1925	
Robinson, Edith Lucile	E., H., Ec.	Cisco
	B.A., Simmons College, 1916	
Robinson, William Clyde	Ec., Ed.	Quitman
	B.A. Union University, 1924	
Rodgers, Mrs. Ruth Marion	An., Psy.	Austin
	B.A., University of Texas, 1924; M.A., 1925	
Rogers, Leon Winfield	Ed.	Austin
	B.A., Southwestern University, 1909	
Rogers, Ruby Evalina	E., H.	Russellville, Ala.
	B.A., University of Alabama, 1924	
Rowell, Lorene	E., Ed., Ec.	Denton
	B.S., College of Industrial Arts, 1924	
Ruckman, Caroline Silsby	H., Ec.	Karnes City
	B.A., University of Texas, 1925	
Rowland, Nell	Ec. H.	Fort Worth
	B.A., Texas Christian University, 1925	
Rust, Mack Donald	E.E., M.E., P.	Weatherford
	B.S. in M.E., University of Texas, 1925	
Sampley, Arthur McCullough	E., H., L.	Austin
	B.A., University of Texas, 1923; M.A., 1925	
Sanders, Nannie Gillespie	Ger.	Austin
	B.A., Southwestern University, 1902	
Schaeffer, Alice Ophelia	C.L., Psy.	Dallas
	B.A., University of Texas, 1925	
Schug, Howard Leshner	S., F.	Abilene
	B.A., University of Michigan, 1904; M.A., 1906	
Seabury, Margaret Frances	C., B.	Brownsville
	B.A., University of Texas, 1925	
Sharborough, Virginia Welch	Ed., Ec.	Austin
	B.A., University of Texas, 1925	
Sharpe, Dwight Alfred	Gk.	Georgetown
	B.A., University of Texas, 1925	
Shelby, Thomas Hall	Ed.	Austin
	B.A., University of Texas, 1907; M.A., Chicago, 1921	
Shepherd, Julia Josey	E., Ed.	Cisco
	B.A., Sam Houston State Teachers College, 1925	
Sherley, Lorraine	E.	Anna
	B.A., Texas Christian University, 1923	
Shields, David Murray	B.Ad.	Bonham
	B.B.A., University of Texas, 1926	
Slavens, Stanley	Phil., An.	Austin
	B.A., University of Texas, 1925	
Smith, Alice Robertson	C., H.E.	Lebanon, Tenn.
	B.A., Cumberland University, 1923	
Smith, Charles Aubrey	B.Ad.	Sherman
	B.B.A., University of Texas, 1921	
Smith, Charles Spurgeon	Z.	San Marcos
	B.S., Baylor University, 1910; M.S., University of Chicago, 1921	
Smith, Donnella Gertrude	E., M.	Cedar Bayou
	B.A., Southwestern University, 1915; M.A., Vanderbilt University, 1920	
Smith, Elizabeth Mina	E., F.	Austin
	B.A., University of Texas, 1925	

Smith, Frederick Adair	Gov., H., Ed.	Austin
B.A., Baylor University, 1914; M.A., University of Texas, 1925		
Smith, Mabel Brooks	Ec., H., S.	Colorado
B.A., University of Texas, 1923		
Smith, Mamie E.	E., C.L.	Denton
B.A., North Texas State Teachers College, 1925		
Smith, William Roy	Ed., Ec.	Austin
B.A., Abilene Christian College, 1921		
Snakard, John William	B.Ad.	Fort Worth
B.A., University of Notre Dame, 1925		
Snellings, Dorus Alvin	E.	Austin
B.A., University of Texas, 1923; M.A., 1924		
Spears, Helen McLean	P.	San Benito
B.A., University of Texas, 1916		
Steere, Edward	H., S., E.	Winchester, Va.
B.J., University of Texas, 1925		
Stephenson, Robert Clarence	S.	Austin
B.A., University of California, 1916		
Steussy, Mary A	C.	Galveston
B.A., University of Texas, 1922; M.A., 1925		
Stewart, Frederick Charles	M.E.	Austin
B.S. in M.E., University of Wisconsin, 1923		
Stockburger, Wilson Davis	Ed., Ec.	Oglesby
B.S., North Texas State Teachers College, 1924		
Stovall, Floyd Herman	E., F., Ger.	Austin
B.A., University of Texas, 1923; M.A., 1924		
Streater, Floyd Edward	C., C.E., B.	Beaumont
B.S. in Ch. E., University of Texas, 1924		
Switzer, Rebecca	S.	Dallas
B.A., University of Texas, 1912		
Takeuchi, Sterling Harper	Gov. Phil.	Hyogoken, Japan
B.A., University of Texas, 1925		
Tampke, Robert August	Ed., Ec.	Moody
B.A., Southwest Texas State Teachers College, 1923		
Tannich, Richard Edgar	C., C.E., B.	Weimar
B.S. in Ch.E., University of Texas, 1925		
Taylor, Gordon Stewart	Ed.	San Marcos
B.A., Howard Payne, 1920		
Taylor, Houghton Wells	E.	Austin
B.A., University of Michigan, 1920; M.A., 1921		
Tedford, Ralph Grattan	Ed., Phil.	Austin
A.A., Harvard University, 1924; Ed.M., 1925		
Tennant, John Leslie	Ed.	Austin
B.S.A., Toronto University, 1913; M.S.A., Cornell University, 1921		
Thiele, Grace Eunice	B., Z.	Austin
B.A., University of Texas, 1924		
Thomas, James Louis	M.	Austin
B.A., University of Texas, 1917; M.A., 1923		
Thompson, Paul Jennings	B.Ad.	Austin
B.J., University of Missouri, 1914		
Throop, Palmer Allan	F., E.	Austin
B.A., University of Texas, 1923		
Todd, William Lee	Ed., Gov.	Shawnee, Okla.
B.A., Oklahoma Baptist University, 1925; B.S., 1925		
Townsend, Emma Agnes	P.	Austin
B.A., University of Texas, 1923; M.A., 1924		
Treat, Burnett Forrest	M.E.	Austin
B.S. in M.E., University of Kansas, 1923		
Trenckmann, Else	Ger.	Austin
B.A., University of Texas, 1918		
Tullis, Mrs. Coral Horton	H., Phil.	Austin
B.A., University of Texas, 1924		
Ullrich, Albert Herman	C., C.E., B.	New Baden
B.S. in Ch. E., University of Texas, 1924; M.S. in Ch.E., 1925		
Ullrich, Oscar Alvin	Ed.	Georgetown
B.A., University of Texas, 1915; M.A., 1917		
Ulmer, Ernest	Ed., Ec., Psy.	Austin
B.A., Polytechnic, 1914		
Vest, Mrs. Lillian Tuttle	Ed., H., Ec.	Cameron
B.A., Southwest Texas State Teachers College, 1925		
Voight, Ronald Beauregard	Gov., Ec.	San Antonio
B.A., University of Texas, 1925		
von Blittersdorf, Ben Louise	H., E.	Austin
B.A., University of Texas, 1925		
von Rosenberg, Edna	Ed.	Austin
B.A., University of Texas, 1918		

Walker, Myrle Louise	S., E., Ed.	Austin
	B.A., Baylor College, 1923	
Waller, John Lee Roy	H.	Austin
	B.S. in Ed., University of Oklahoma, 1923; M.A., University of Chicago, 1925	
Walling, Rosemary	Psy., Ec.	Austin
	B.A., University of Texas, 1925	
Ward, John	Ed., Phil., Psy.	Lytle
	B.A., University of Oklahoma, 1912; M.A., 1922	
Wardlow, Wesley Bernie	C., C.E., B.	Montgomery, Ala.
	B.S., University of Louisiana, 1924	
Ware, Lois Philip	E.	Austin
	B.A., University of Texas, 1917; M.A., 1924	
Weaver, Findlay	Ec., Gov.	San Marcos
	B.B.A., University of Texas, 1924	
Weaver, Hal C.	E.E., M.E.	Austin
	B.S. in M.E., University of Michigan, 1908; B.S. in E.E., University of Texas, 1912; E.E., 1913	
Wells, Sara Frances	Gov., H.	Austin
	B.A., University of Texas, 1925	
Westmoreland, Joe Billy	B.Ad., Ec.	Eagle Lake
	B.B.A., University of Texas, 1925	
Wharton, Lawrence Hay	Phil., Ec., Ed.	Austin
	B.A., Austin College, 1911	
White, Henry Ford	H.	Austin
	B.A., Sam Houston State Teachers College, 1920; M.A., Baylor University, 1921	
White, Martin Marshall, Jr.	Psy., Ec.	Temple
	B.A., University of Texas, 1925	
White, Robert Leon	M.E.	Austin
	B.S. in Arch., University of Texas, 1921	
Whitehand, Effie Eudora	An.	Austin
	B.A., University of Texas, 1909	
Whyburn, Gordon Thomas	C., M., P.	Austin
	B.A., University of Texas, 1925	
Wiebusch, Charles Fred	P.	Riesel
	B.A., University of Texas, 1924; M.A., 1925	
Wilcox, Mary Catherine	Ed., H., Ec.	Austin
	B.A., University of Texas, 1922	
Wilcox, Stella Easley	Ed., E.	Austin
	B.A., University of Texas, 1925	
Wildenthal, Bryan	B.A.	Cotulla
	B.A., Southwest Texas State Teachers College, 1925	
Wiley, Winston	Ger., F.	Austin
	B.A., University of Texas, 1923	
Willborn, Herbert Oscar	B.Ad., Ec.	Amarillo
	B.B.A., University of Texas, 1925	
Williams, Amelia	H., Gov., Ec.	Austin
	B.A., Southwest Texas State Teachers College, 1922	
Williams, Charles Fieldon	C.E.	Denison
	B.S. in C.E., University of Texas, 1924	
Williams, Lucile de Nevers	F., Phil.	Austin
	B.A., University of Texas, 1924	
Willis, Mary Lucille	B.Ad.	Kirbyville
	B.B.A., University of Texas, 1925	
Wilson, William Munsey	Arch.	Austin
	B.S. in Arch., University of Texas, 1923	
Wiseman, Katherine Hutton	Ed., Gov., H.	Floresville
	B.A., University of Texas, 1924	
Woodhead, Ben Sykes	B.Ad.	Beaumont
	B.A., University of Texas, 1923	
Work, Isabel	L., P.M., C.L.	Durant, Okla.
	B.A., University of Oklahoma, 1917	
Young, Paul Patterson	H. Ec.	Georgetown
	B.A., Southwestern University, 1920	

SUMMER SESSION, 1926, GRADUATE STUDENTS

Abel, Maud	H., L.	Waco
	B.A., Baylor University, 1916	
Adams, Mary Ethel	Ed.	Cleburne
	B.A., West Texas State Teachers College, 1920	
Adams, Frederick Joseph	Ed.	San Antonio
	B.A., University of California, 1919; M.A., 1922	
Adams, John Emery	(Ger., Anth.)	Austin
	B.A., University of Iowa, 1919; M.S., University of Chicago, 1925	
Akeson, Bengta Temple	Ed.	Hale Center
	B.A., University of Texas, 1926	

Akkerman, John William	Ec., Math.	San Antonio
Alberson, Edward Lee	B.S. in C.E., University of Texas, 1926 H., Ed.	Shreveport, La.
Alexander, Ruth	B.A., University of Texas, 1925 Ec.	Austin
Alford, Margarette Ewing	B.A., University of Texas, 1925 H., Ed.	Caldwell
Allen, Louise Virginia	B.A., Southwestern University, 1923 E.	Austin
Allen, Thomas Leonard	B.A., University of Texas, 1916; M.A., 1924 C.E.	Leander
Amis, Zephyr Helen	B.S. in C.E., University of Texas, 1925 Ed.	Rising Star
Anderson, Scott	B.A., Simmons University, 1922 Ed.	Alice
Armstrong, Siddie R.	B.J., University of Texas, 1920 H., Gov.	La Grange
Armstrong, Wallace David	B.A., University of Texas, 1925 C.	Wolfe City
Arnette, David Wesley	B.A., University of Texas, 1926 Z.	Abilene
Arnold, Marion	M.A., Wake Forest University, 1914 E., B.Ad.	Killeen
Atkinson, Bertha	B.A., Southwestern University, 1923 Ed.	Burnet
Atkinson, Eleanor Mayo	B.A., Baylor College, 1925 E., Ed.	Austin
Ayres, William Leake	B.A., University of Texas, 1920 M.	Gatesville
Bachman, Joel Carl	A.B., Southwestern University, 1923 Ed., H.	Austin
Bain, Jack Wilson	B.A., Baylor University, 1923 Gov.	San Antonio
Bailey, Lela	B.A., Southwestern University, 1923 H.	Slaton
Bagnall, Helen Lewis	B.A., University of Texas, 1912; M.A., 1922 Ed.	Nueces County
Baker, Elizabeth	B.A., University of Texas, 1917 E.	Austin
Baker, Harry Carroll	B.A., University of Texas, 1926 Ec., Ed.	Edinburg
Baker, Margaret Bourland	B.A., University of Texas, 1912 H.	Tenaha
Baker, Paul Bruce	B.A., University of Texas, 1923 E., H.	Belton
Barlow, Ima Christina	A.B., Southwestern University, 1919 H., Gov.	Austin
Barnette, Thomas Belton	A.B., University of Texas, 1922 A.M., M.	Austin
Barrett, William Guy	B.S., Southwest Texas State Teachers College, 1922 Ed.	Comanche
Basford, Oliver Loyd	A.B., Baylor University, 1915 Ed.	Austin
Baten, William Dowell	B.A., University of Texas, 1919 M., Ger.	Austin
Baugh, Mrs. Rose Moffett	A.B., Baylor University, 1914 E., H.	Austin
Beard, Campbell Bryce	B.A., Baylor University, 1911; M.A., University of Texas, 1926 Gov.	Fort Worth
Beck, Cora Mae	B.A., University of Texas, 1925 C.	Wills Point
Begg, Edleen	B.A., University of Texas, 1925 E.	Austin
Belden, Eldora	B.A., University of Texas, 1913 E., L.	San Antonio
Bell, Lila Ruth	B.A., University of California, 1925 C.	Austin
Benson, Louise G.	B.S. in H.E., University of Texas, 1925 P., M., (S.)	Deport
Bergin, Joe Lyons	B.S., East Texas State Teachers College, 1922 Ec., Phil., Psy.	Dallas
Berkman, Anton Hilmer	B.A., Southwestern University, 1921 B.	Round Rock
Binney, John Henry	B.A. University of Texas, 1924; M.A., 1926 M.	College Station
	B.A., Sam Houston State Teachers College, 1924	

Bishop, Curtis Vance	Phil., H., E.	Greenville, S.C.
Blades, Mrs. Louise Duncan	B.A., Furman University, 1924 Ed., H.	Beaumont
Blair, Mary Lois	B.A., University of Texas, 1919 H.	Laneville
Blau, Ludwig Wilhelm	B.A., Southwest Texas State Teachers College, 1925 M., P.	Lipscomb
Blocker, William Robert	B.A., Southwest Texas State Teachers College, 1925 H.	San Marcos
Bookman, Pet	B.A., University of Texas, 1924 H.	Fort Worth
Borromeo, Sister Mary	B.A., University of Texas, 1920 S.	Austin
Bowles, Flora G.	B.A., University of Texas, 1919 H.	Galveston
Bowman, Rosemary	B.A., Texas Woman's College, 1922 E., H.	Santa Anna
Boyd, William Payton	B.A., Southern Methodist University, 1925 E., B.Ad.	Denton
Boysen, Helen M. I.	B.S., North Texas State Teachers College, 1925 Z.	Austin
Bradfield, Myrtille	B.A., University of Texas, 1926 E., L.	Martinburg
Brannan Burnis Jennings	B.A., University of Texas, 1914 E., Ed.	Perrin
Brannen, Mrs. Malcolm Harris	B.A., North Texas State Teachers College, 1926 Ed., (F.)	Spur
Braswell, Margaret	B.A., B.S. in H.E., University of Texas, 1923 E.	Austin
Brenholtz, Harold	B.A., University of Arkansas, 1919; M.A., University of Texas, 1925 Ed.	Austin
Brewster Piercy Perkins	B.A., A. and M. College of Texas, 1923; M.S., A. and M. College of Texas, 1924 Ed., Gov.	Hondo
Brister, Robert Hanks	B.A., Baylor University, 1916 Ed., H.	Taylor
Britt, Marvin Orestes	B.A., Baylor University, 1917 Ed., L.	Sonora
Brockette, Mrs. Connie Garza	S., Ed.	Itasca
Bronstad, Alvin Lawrence	A.B., University of Texas, 1922 H.	Clifton
Brooks, Sarah Lee	B.A., Luther College, 1919 Z., Ed.	San Antonio
Brown, Maury B., Jr.	B.A., University of Texas, 1919 Gov., H.	Austin
Brown, Samuel Mortimer	B.A., University of Texas, 1925 Ed., E.	Bremond
Bruce, Ethan Walter	B.B.A., University of Texas, 1925 H.	Greenville
Buchanan, Luta Eugenia	B.A., University of Texas, 1920 (C.)	
Buie, Sula Anliza	B.A., University of Texas, 1922 Ed.	Gober
Burdine, John Alton	B.A., University of Texas, 1924 Gov.	Paris
de Burgos, Francis	B.A., University of Texas, 1926 H.	San Antonio
Burnside, Maurice Gwinn	Ph.B., Colgate University, 1902 Ec., H.	Columbia, S.C.
Burton, Harley True	B.S., Furman University, 1926 H.	Clarendon
Bush, Andrew Slaydon	B.A., Baylor University, 1913 Ed.	San Antonio
Cain, William A.	B.S., Louisiana College, 1895 H.	Austin
Calloway, Virginia	B.A., University of Texas, 1924 Ed.	Mt. Vernon
Campbell, Irma	B.A., North Texas State Teachers College, 1925 E., H.	Abilene
Campbell, Leola	B.A., University of Oklahoma, 1920 E., L.	Winnboro
Campbell, Lucian Quitman	B.A., University of Texas, 1920 E.	Abilene
Campbell, Phonsie	B.A., Tulane University, 1915; M.A., University of Texas, 1924 F., P.	Palestine
	B.A., University of Texas, 1920	

Campbell, Ralph G.	B.Ad.	Austin
Cameron, Willis C.	B.B.A., University of Texas, 1926 Ed., H.	Abilene
Cannon, Hattie	B.A., Southwestern University, 1915 E.	Austin
Carmack, James Carl	B.A., University of Texas, 1923 Z.	Sudan
Carr, William B.	B.A., North Texas State Teachers College, 1923 Psy.	Austin
Cassles, Anne Ethel	B.A., University of Texas, 1926 H.	Greenville
Castleberg, Earle Josephine	B.A., University of Texas, 1921 E.	Crockett
Cate, James Lea	B.A., University of Texas, 1925 (L., Ger.)	Austin
Cavness, Raymond M.	B.A. University of Texas, 1924; M.A., 1925 F., S.	San Marcos
Cawthon, Elnora Ethel	B.A., Southwest Texas State Teachers College, 1925 Gov.	Temple
Chambers, Hazel Hillard	B.A., College of Industrial Arts, 1924 Ed., H.	Georgetown
Chaney, Jesse Gerald	B.A., Southwestern University, 1926 M.	Waco
Chapin, Rebecca	B.A., Southwestern University, 1924 Gov.	Temple
Christian, Aria Lemial	B.A., University of Texas, 1923 M., A.M.	Penelope
Christopher, Willie Mae	B.A., Baylor University, 1924 E., H.	Abilene
Clapp, Sarah L. C.	B.A., Trinity University, 1914 E.	Bowie
Clark, Randolph Lee	B.A., University of Texas, 1917; M.A., 1918 Ed.	Gainesville
Cleveland, Clark Milton	B.A., Texas Christian University, 1895; M.A., University of Texas, 1924 M.	Austin
Coaina, Sister Mary	B.S. in C.E., University of Mississippi, 1917 E.	Austin
Cobb, Bruce Benson	B.A., University of Texas, 1925 Ed., Ec.	Waco
Cochrum, Josephine N.	B.A., University of Texas, 1910 H.	Groesbeck
Cochrum, Margaret	B.S., College of Industrial Arts, 1926 E., Ec.	Groesbeck
Cocke, DeWitt Walker	B.A., College of Industrial Arts, 1926 Gov., Ed.	Austin
Coffey, Frederic Amelius	B.A., Daniel Baker College, 1915 H., Ec., Gov. (F.)	Aubrey
Cole, Early Clinton	B.A., North Texas State Teachers College, 1925 Ed.	Normangee
Cole, Robert Taylor	B.A., University of Texas, 1923 B.Ad., Gov.	Franklin
Colvin, Jimmie Mae	B.A., University of Texas, 1925 B.Ad.	Ennis
Colvin, Maude Josephine	B.A., University of Texas, 1926 Ed., Phil.	Ennis
Comer, John Randolph	B.A., Texas Woman's College, 1919 Ed., H.	Hillsboro
Connell, Wilbur Bliss	B.A., University of Richmond, 1922; M.D., University of Maryland, 1893; Th.G., Rochester University, 1895	Canada
Conner, John Edwin	B.S., North Texas State Teachers College, 1923 H., Gov.	Kingsville
Conrad, Zola Bell F.	B.A., University of Texas, 1924 H.	Neosho, Miss.
Cook, Annie Laurie	B.A., Baylor College, 1915 L., Psy., E.	Ringgold, La.
Cooke, Mrs. Alice Lovelace	B.A., University of Texas, 1925 E.	Dallas
Coons, Robert Roy	B.A., University of Texas, 1920; M.A., 1923 P., P.M.	Elmdale
Cooper, Lewis B.	B.A., Simmons College, 1918 Ed.	Memphis
Corbin, Bertha	B.S., North Texas State Teachers College, 1922; M.A., University of Texas, 1926 H.	Norman, Okla
	B.A., University of Oklahoma, 1924; M.A., 1924	

Corry, Ormond Charles	Ec.	Denton
	B.S., North Texas State Teachers College, 1925	
Cotham, Margaret Mary	E.	Burnet
	B.A., University of Texas, 1923	
Covey, John Russell	Ec., H.	Burleson
	B.A., Trinity University, 1914	
Cox, Agnes	E.	Haskell
	B.A., Southwestern University, 1925	
Cox, Larue	Ec., Ed.	Brownwood
	A.B., Howard Payne College, 1922	
Cox, Mary Josephine	E., (Ger.)	Gainesville
	A.B., Southern Methodist University, 1926; M.A., 1926	
Cowling, Annie	H.	Commerce
	B.A., University of Texas, 1925	
Crawford, Polly Pearl	H.	Austin
	B.A., University of Texas, 1912; M.A., 1925	
Crawford, Ruth Russell	Ed.	Austin
	B.A., University of Texas, 1921	
Crooke, Mattie Belle	Phil., E.	Houston
	B.B.A., University of Texas, 1924	
Culley, Ima Shelton	E., Ec., Ed.	Austin
	B.Lit., University of Texas, 1904	
Dabney, Edgar Robert	Ed.	Austin
	B.A., University of Texas, 1916	
Daniel, Grover Cleveland	Ec., Ed.	Ballinger
	B.A., University of Texas, 1914	
Dannelley, Henry	S., (Ger.)	Georgetown
	B.A., Southwestern University, 1923; M. A., University of Texas, 1925	
Davis, Clifford L.	H.	Huntsville
	B.S., Sam Houston State Teachers College, 1926	
Davis, Mount Earl	Ed.	Arlington
	B.S. in E.E., University of Texas, 1923	
Davis, Rose Evelynnn	M., A.M.	Austin
	B.A., University of Texas, 1914	
Day, E. Curtis	H.	San Marcos
	B.S., Southwest Texas State Teachers College, 1924	
de Chaudron, Albert le Ruette	S., F.	Austin
	B.A., Southwest Texas State Teachers College, 1925	
Dean, A. B. C.	Ed., H.	Rockwall
	B.A., Howard Payne College, 1921	
Decherd, George M., Jr.	C.	Austin
	B.A., University of Texas, 1926	
DeLany, Francis Marion	Ed.	Dallas
	B.A., University of Texas, 1921	
Deviney, Marvin Lee	Ed., H.	Martindale
	B.S., Southwest Texas State Teachers College, 1922	
Dickard, Edna Lucille	E., M.	Austin
	B.A., Southwestern University, 1920	
Dillingham, Thelma Anne	Ed, Psy.	Austin
	B.A., University of Texas, 1922	
Dodson, Sara Clara	E.	Austin
	B.A., University of Texas, 1922; M.A., 1924	
Donecker, Frances Mary	Ed., E.	San Antonio
	B.A., Our Lady of the Lake College, 1924	
Dowling, Sister Mary	M., (Ger.)	San Antonio
	B.A., Incarnate Word College, 1926	
Dryer, Linnie	Ed., Ec.	Austin
	B.A. University of Texas, 1922	
Dulaney, Lula Mae	E., B.Ad.	Colorado
	B.A. University of Texas, 1922	
Duncan, Bertha Kathleen	Ger., (F.)	Wichita Falls
	B.A., College of Industrial Arts, 1920; M.A., University of Texas, 1924	
Duncan, Fanny Laura	Ed., H.	Paris
	B.A., University of Texas, 1925	
Dupre, Naasson K.	Ed.	San Antonio
	M.A., University of Texas, 1923	
Dupuy, William Everett	Ec., Gov.	Austin
Durrett, Florence	E.	Belton
	B.A., University of Texas, 1917	
Dysart, Bonnie Katherine	E., Psy.	San Antonio
	B.S. in Ed., University of Texas, 1924	
Eaton, Frances M.	Ed., (M.)	Tyler
	B.A., University of Illinois, 1909	
Edwards, Rufus Franklin	Ec., H.	Atlanta
	B.A., Southwestern University, 1922	

Egg, Norma	E., Phil.	El Paso
Eichenberg, Hedwig Luise	B.A., University of Texas, 1913 (Ed.)	Galveston
Elliott, Bonnie Wilma	B.A., University of Texas, 1923 H., Gov.	Weatherford
Elliott, Claude	B.A. University of Texas, 1922 Ec.	La Feria
Ellis Andrew Clinton	B.S., Southwest Texas State Teachers College S. Ed.	El Campo
B.S., Sam Houston State Teachers College, 1922; M.A., University of Texas, 1923		
Ellis, Mrs. Mary Heard	H.	Austin
	B.A., University of Texas, 1899	
Ellis, Velda	Ed. (P.S.)	San Marcos
	B.S., West Texas State Teachers College, 1925	
Emmons, Martha L.	E. H.	Taylor
	B.A., Baylor University, 1921	
Evans, Mrs. Alice Brittain	Ec.	Austin
	B.A., University of Oklahoma, 1902; M.A., University of Texas, 1923	
Evans, Kenneth	H.	Bonham
	B.A., University of Texas, 1925	
Farley, Mary I.	E., H.	Hutto
	B.A., Trinity University, 1914	
Farmer, Garland H.	Ec.	Manor
	B.A., Johnson Bible College, 1915; B.A., University of Texas, 1926	
Farris, Marshall Elmer	M.E.	Austin
	B.S. in M.E., Purdue University, 1922	
Farris, Mrs. Roselle Gould	E.	Austin
	B.A., University of Texas, 1916; M.A., 1922	
Felgar, Robert Pattison	H.	Denton
	A.B., University of Pennsylvania, 1914; M.A., University of Texas, 1917	
Ferguson, Annie Kate	(P.S.)	Haskell
	B.A., University of Texas, 1926	
Fitzgerald, Marguerite Key	(Z.)	Austin
Fitzhugh, Mrs. Ammadee B.	Ed.	Austin
	B.A., University of Texas, 1925	
Fitzwilliam, Grace	E., S.	Bastrop
	B.A., University of Texas, 1918	
Fletcher, Baylis John	E., H.	Rockdale
	B.A., Baylor University, 1920	
Fletcher, Elbert L.	Ec., Ed.	Rockdale
	B.A., Southern Methodist University, 1923	
Fletcher, Pearl	E., B.Ad.	Rockdale
	B.A., University of Texas, 1914	
Fly, Nettie Frances	E.	Hondo
	B.A., University of Texas, 1923	
Fomby, Marion	Ed.	Austin
	B.A., University of Texas, 1926	
Ford, Hoyt	Ed., Pay.	Abilene
	B.A., Simmons College, 1923	
Foresyth, Pansy Louise	E., Ed., H.	San Antonio
	B.A., University of Texas, 1926	
Forrester, Noble Carroll	Ed., Ec.	Trent
	B.A., Abilene Christian College, 1925	
Foster, Harl A.	P., M.	College Station
	B.A., Baylor University, 1921	
Fouraker, Raymond S.	E.E., P.	Austin
	B.S., A. and M. College of Texas, 1914	
Fournet, Francis Gary	P.	Natchitoches, La.
	B.S., Louisiana State University; M.S., 1912	
Franklin, Walter A.	Ec., Ed.	Vernon
	B.A., University of Texas, 1924	
Frazer, Mattie	Ec.	Austin
	B.A., University of Texas, 1923; M.A., 1924	
Friend, Llerena B.	Ed., Ec.	Wichita Falls
	B.A., University of Texas, 1924	
Fry, Elizabeth Seawell	B., Z.	Abilene
	B.A., Simmons College, 1924	
Fuller, Roden Jones	Ec.	Austin
	B.A., University of Texas, 1925	
Gardiner, Charles S.	Ed.	San Marcos
	B.S., Ouachita College, 1912	
Garland, William Mason	Ed.	Granville
	B.A., University of Texas, 1926	
Garner, Jessie	Ed.	Odem
	B.S., Baylor University, 1925	

Garner, Luther J.	H.	Nacogdoches
Garner, Ruby Lee	Ec., H.	Odem
Garretson, O. K.	B.A., Baylor University, 1920 Ed.	Austin
Gehman, Harry Merrill	B.A., University of Oklahoma, 1918 M.	Narberth, Pa.
Ph.D., University of Pennsylvania; National Research Council Fellow; Associated in Research with Dr. R. L. Moore		
Gerlach, Dorothy R.	Gov., Ec., H.	Canadian
Germany, Myra Euphrosyne	B.A., University of Texas, 1922 E. (S.)	Grand Saline
Giesecke, Minnie	B.A., Texas Woman's College, 1925 Ed.	Austin
Gill, Erma May	B.A., University of Texas, 1921; B.S., University of Illinois, 1924 E.	Austin
Gilliam, Louise	B.A., University of Texas, 1916; M.A., 1920 Ed.	Tyler
Glanville, James Linus	B.A., University of Texas, 1924 Gov., H.	Dallas
Glover, William B.	H., Ed.	Shreveport, La.
Godbey, Josiah J.	B.S., Centenary College, 1923 E.	Ardmore, Okla.
Goldmann, Mary E.	A.B., Kentucky Wesleyan, 1910 Ec.	Austin
Goodwin, Richard H.	B.S. in H.E., University of Texas, 1925 Ec., B.Ad.	Austin
Gould, Belle	Ed., E.	Henderson
B.A., Texas Presbyterian College, 1920; M.A., University of Texas, 1924		
Graham, Philip E.	E.	Austin
Gray, Alma Artz	B.A., University of Texas, 1923; M.A., 1924 F., Ed.	Austin
Gray, Gladys Marie	B.A., University of Texas, 1923 S.	Smithville
Gray, Sarah Sam	B.A., University of Texas, 1925 S., Ec.	Dallas
Green, Charles G.	B.A., University of Texas, 1920 Ed.	Hamlin
Green, Jo	B.A., University of Texas, 1921 E.	Bertram
Green, Ruth	B.A., Baylor College, 1823 Gov.	Italy
Greer, Clayton Alvis	B.A., University of Texas, 1923 E., Ed.	Austin
Gregg, Ella Fay	B.A., University of Texas, 1921 B.Ad.	Austin
Greer, James Kimmins	B.A., University of Texas, 1923 H.	Austin
Gregg, John Ernest	B.A., University of Texas, 1918; M.A., 1922 H.	Marfa
Gregory, Gladys	B.A., Polytechnic, 1914 Gov., Ec.	Lockhart
Grissom, Mary Ophelia	B.A., Southwestern University, 1915 Ed., E.	Pleasanton
Gwyn, Mary Mumford	B.A., Baylor College, 1925 E., Ed.	Gainesville
Hale, Zollie Marie	B.A., Southern Methodist University, 1924 H., Gov.	San Antonio
Hamilton, R. H., Jr.	B.A., University of Texas, 1923 C.	Amarillo
Hamilton, Viola	B.A., University of Texas, 1926 Ed.	San Antonio
Hamlett, Genvieve Swindelle	B.A., University of Texas, 1926 E., S.	Austin
Hancock, Charles Fred	B.A., University of Texas, 1925 Ec., Phil.	Wapanucka, Okla.
Harkrider, Gertrude	A.B., Arkansas College, 1901; B.A., University of Texas, 1905; B.D., Princeton, 1906 E.	Shreveport, La.
Harlan, Era Vista	A.B., College of Industrial Arts, 1923 E., S.	Bishop
Harris, Harvey Waterson	B.A., Baylor College, 1921 E.	Houston
B.A., University of California, 1923		

Harris, James Kilbourne	Ed.	San Antonio
	B.A., Southwest Texas State Teachers College, 1925	
Harrison, Ruby Margrette	Ed.	Austin
	B.A., Maryville College, 1926	
Harvin, Edwin L.	H., Gov.	San Marcos
	B.A., Baylor University, 1921	
Haschke, Harry Herman	H., L., Ed.	Austin
	B.A., University of Texas, 1925; M.A., 1926	
Hawkins, Marcellus H.	Ed., Ec., P.	Cuero
	B.A., University of Texas, 1925	
Head, James Lloyd	Ed., H.	Temple
	B.A., Baylor University, 1903	
Head, John Howard	H.	Austin
	A.B., Baylor University, 1903	
Heimann, Emil Erno	M., Ed.	Fredericksburg
	B.A., University of Texas, 1925	
Helms, Daphne	Ed., L.	Josephine
	B.A., Texas Christian University, 1915	
Hembree, Cozette	E.	Abilene
	A.B., Simmons College, 1923	
Henderson, Adele	H., Gov.	Waelder
	B.A., University of Texas, 1920	
Henderson, Mary Virginia	H.	Waelder
	B.A., University of Texas, 1921	
Hendricks, Henry George	Ec., B.Ad.	Silsbee
	B.A., University of Texas, 1924; M.A., 1925	
Herbert, Lucy Mae	Ed.	Austin
	B.Lit., University of Texas, 1904	
Hereford, Ernest H.	Ed.	Georgetown
	A.B., North Texas State Teachers College, 1921; B.S., Baylor University, 1922;	
	A.M., Southwestern University, 1923	
Heyman, Lottie	E., Ed.	Junction
	B.A., University of Texas, 1922	
Hewett, Mrs. Lola Gantt	Ed.	Austin
	B.A., University of Texas, 1922	
Hines, Scotti Mae	S., (F.)	Colorado
	B.A., University of Texas, 1924; M.A., 1925	
Hogan, Frances Miranda	Ed.	Houston
	B.Lit., University of Texas, 1903	
Holden, William Curry	H., Gov.	Abilene
	B.A., University of Texas, 1923; M.A., 1924	
Holloway, William Jesse	Ed., H.	Texarkana
	B.A., East Texas State Teachers College, 1925	
Holt, Roy Davis	Ec., H.	Santa Anna
	B.A., Trinity University, 1920; M.A., University of Texas, 1925	
Hooker, Lyle Travers	B., Z.	Paris
	B.A., University of Texas, 1925	
Horn, John Frederick	Ed.	Fort Worth
	B.A., Methodist University of Oklahoma, 1913	
Hornsby, Eliza Ann	H.	Austin
	B.A., University of Texas, 1923	
Howe, Lyn	Ec., Ed.	Buda
	A.B., Southwestern University, 1921	
Huberich, May Bess	Ed.	Austin
	B.A., University of Texas, 1924	
Hudler, Jewell	H., Gov.	McDade
	B.A., University of Texas, 1922	
Hudson, Ruth	E., H.	Paris
	B.A., University of Texas, 1923	
Humphries, Edith Veloy	S.	Austin
	B.A., University of Texas, 1926	
Hunnewell, Mrs. Fannie E.	E.	El Campo
	B.A., Bethany College, 1909; M.A., University of Texas, 1924	
Hunter, Jessie Kelly	E.	Abilene
Ingenhuett, Arthur Hilmer	S., (L.)	Comfort
	B.A., University of Texas, 1917	
Irvine, Mrs. Annie	E., L.	Austin
	B.A., University of Texas, 1908; M.A., 1924	
Isaacks, E. Buford	Ed., E.	Cisco
	B.A., Texas Christian University, 1914	
Ivey, Alfred Joe	S. (Ed.)	San Antonio
	B.A., Southwest Texas State Teachers College, 1923	
Jackson, Davis Doyle	Ed., H.	Dalhart
	B.A., University of Texas, 1921	

Jackson, Mrs. Davis Doyle	Ed.	Dalhart
Jackson, Sidney Douglas	Ec., B.Ad.	Franklin
Jackson, Will Woodward	B.A., University of Texas, 1925 Ec.	San Antonio
Jarrell, Verda	A.B., Southern Methodist University, 1916 E.	Bishop
Jessen, Elfrieda	A.B., Brenau College, 1924; B.J., University of Texas, 1925 E.	Austin
Jessen, Emmy Adele	B.A., University of Texas, 1924 E.	Austin
Johnson, Harvey Leroy	B.A., University of Texas, 1924 S., E.	Brownwood
Johnson, Janie May	(P.S.), (Phys.Ed.) B.A., University of Texas, 1925	Austin
Joiner, Alma Lee	E. (P.S.)	Wichita Falls
Jordan, Eva Hester	B.A., Baylor College, 1925 (P.S.)	Winters
Jordan, Gilbert John	B.A., Baylor University, 1922 H., Ed.	Art
Joseph, Gladys Rosalyn	B.A., Southwestern University, 1924 E. (P.S.)	Cleburne
Juniger, Margaret Mildred	A.B., Baylor College, 1923 E., Ec.	Commerce
Kaderli, Fred	B.A., University of Texas, 1919 Ed., M., (S.)	San Marcos
Keen, Cora Hogard	B.S., Southwest Texas State Teachers College, 1925 (Ed.)	Austin
Kellam, Claud Holland	A.B., Logan College, 1906 Ed., H., (Z., P.Ed.)	San Marcos
Kenley, Polk Macune	B.S., Southwest Texas State Teachers College, 1923 E.	Dallas
Kennedy, Ernest Carlton	B.A., University of Texas, 1915 M.	Austin
Kerl, Helen Catherine	M.E., University of Texas, 1921 E., Ed.	Galveston
Kibbe, Mrs. Ruth La Rue	B.A., University of Texas, 1925 (Ed.)	Brownsville
King, Lucille	B.A., University of Texas, 1911 E., L.	Wharton
King, Maude Emma	A.B., Southwest Texas State Teachers College, 1924 E.	Abilene
King, Sidney Ercel	A.B. Simmons College, 1923 A.M., E.	Houston
Knox, William John	B.S. in Ch.E., University of Texas, 1920; M.S. in Ch.E., University of Texas, 1920 Ec., Ed.	San Antonio
Kochan, Millie Longtin	B.S., Southwest Texas State Teachers College, 1924 Ec., Ed.	Houston
Kohler, Henry Fred	B.A., Rice Institute, 1923 C.	San Antonio
Knox, Leona	B.S. in Ch.E., University of Texas, 1924 E., Ed.	Hillsboro
Knox, William Warren	B.A., University of Texas, 1919 Ed.	San Antonio
Kuehne, Ellen Clara	B.A., University of Texas, 1914; M.A., 1925 (Ed.)	Austin
La Master, Charles Edgar	B.A., University of Texas, 1926 L.	Houston
Letts, Bessie Lucille	B.A., University of Texas, 1913 Ed. (Gov.)	Austin
Ligon, Gertrude	B.A., Rice Institute, 1925 S. (Ed.)	Llano
Ling, Milton, F. H.	B.A., Baylor College, 1924 E.	San Antonio
Longnecker, Oscar Milne, Jr.	B.A., University of Texas, 1921 Geol.	Austin
Lord, Clyde Willis	B.A., University of Texas, 1926 H.	Pelican
Lowman, Berta	B.A., Louisiana College, 1921 H.	San Marcos
Lowe, Virginia	B.A., Southwestern University, 1919 H.	De Leon
Lundelius, George A.	B.A., University of Texas, 1920 Ec.	Georgetown
	B.A., University of Texas, 1924	

Lyttleton, Laurita	E.	Marshall
	B.A., University of Texas, 1925	
McAdams, Doyle Frederick	Ed., (P.S.)	Madisonville
	B.S., Sam Houston State Teachers College, 1924	
McAlister, Samuel B.	Gov., H.	Cuero
	B.A., University of Texas, 1926; M.A., 1926	
McCall, Mary Ellen	E.	Austin
	B.A., Texas Presbyterian College, 1920	
McCormick, Edna Haynes	M., Ed.	Denton
	B.A., University of Texas, 1909	
McCrummen, Cecile	Ed.	Austin
	B.A., University of Texas, 1904	
McCulley, George William	B.Ad.	Brownwood
	A.B., Daniel Baker College, 1921	
McDaniel, Susie Taylor	E.	Elgin
	B.A., University of Texas, 1926	
McDonald, Leslie Carlisle	H.	East Bernard
	B.S., Southwest Texas State Teachers College, 1921	
McDougal, Cullen Frank	Ec., Gov.	Odell
	B.A., University of Texas, 1926	
McDougal, Meredith Vernon	H., Ec.	Houston
McGill, Mary	H., S.	Waco
	B.A., University of Texas, 1914	
McGlothlin, Belle	E.	Palacios
	B.A., University of Texas, 1924	
McGuire, Mary Tallulah	B.Ad. (Ed.)	Austin
	B.A., University of Texas, 1925	
McKeever, Carol Rosemary	(Ed.)	Austin
	B.S. in Arch., University of Texas, 1926	
McKinney, Lula Eunice	E. (P.S.)	Cameron
	A.B., Baylor University, 1922	
McLain, Benjamin Hart	Ed.	Sweetwater
	A.B., Southwestern University, 1911	
McMinn, Frances Lillian	Gov.	Tyler
	B.A., Baylor University, 1907	
McNamara, Grace Leona	H.E.	Austin
	B.A., University of Texas, 1926	
McNaughton, David Victor	Ed., H.	San Marcos
	B.A., Southwest Texas State Teachers College, 1924	
Maddox, Augustus Carlyle	M.	Natchitoches, La.
	A.B., Hendrix College, 1910; A.M., Columbia University, 1916	
Marr, John C.	H., Gov.	Gulf
	B.A., University of Texas, 1925	
Maris, Wiley Dee	Gov.	San Antonio
	B.A., University of Texas, 1924	
Marsh, Gordon	L.	Dallas
	B.A., University of Texas, 1926	
Marshall, Dorothea Eugenia	F., L.	Hearne
	B.A., University of Texas, 1923; M.A., 1924	
Martin, Benjamin Wiley	Ed.,	Kirbyville
	B.A., University of Texas, 1920; M.A., 1924	
Martin, Jerry Walker	Ed.	Austin
	B.A., University of Texas, 1916	
Martin, Quintin M.	Arch.	Llano
	B.A., University of Texas, 1926	
Martin, Ruby Lee	E., H.	Wichita Falls
	A.B., North Texas State Teachers College, 1925	
Martin, Emma Louise	M., Phil.	Coleman
	B.A., University of Texas, 1922	
Massey, Jackson	Ed., H.	Commerce
	B.A., East Texas State Teachers College, 1923	
Masters, Basil Earl	Ed., Ec.	Paris
Matthews, Joseph Mansel	B.Ad.	Cleburne
	B.A., University of Texas, 1925	
Masterson, Clifton G.	Ed., Ec.	
	B.A., Southwestern University, 1915	
Mathison, Roy Henry	B.Ad.	Wortham
	B.A., University of Texas, 1925	
Mauldin, Mrs. Myrtle Lokey	E.	Slaton
	B.A., University of Texas, 1926	
Maxwell, Mrs. Ferne La Nelle Beane	Phil.	Dallas
	B.A., University of Texas, 1919	
May, Ellen Douglas	E.	Huntsville
	B.A., Sam Houston State Teachers College, 1924	

Mayhall, Mrs. Mildred Pickle	B.	Austin
Meredith, William Owen	B.A., University of Texas, 1924 Ed., P.	Humble
Milam, Paul W.	B.A., Southwest Texas State Teachers College, 1925 B.Ad.	Moore
Miles, Samuel Claude	B.A., Southwest Texas State Teachers College, 1923 Ed., Ec.	Memphis
Miller, Carroll H.	B.A., Baylor University, 1918 (Ed.)	Diboll
Miller, Harry Adelbert	B.A., University of Texas, 1924 Ed.	Austin
Miller, John Jamieson	B.A., University of Chicago, 1905 P., M.	Campbell
Minkwitz, Berneta Agnes	B.A., University of Texas, 1924 E.	Richmond
Minter, Bess	B.A., University of Texas, 1915 (Ed.)	Austin
Mitchell, Mrs. Decima Eveline	B.A., University of Texas, 1926 M.	Austin
Montgomery, Mary	B.A., Brighton Technological College, 1911; M.A., Alberta, 1912 S.	Potts Camp, Miss.
Montgomery, Mollie	A.B., Mississippi State College for Women, 1897 E.	Austin
Moody, Edmund K.	B.A., University of Texas, 1924 Ec., Phil.	Austin
Mooney, Elsie Catherine	B.A., University of Texas, 1925; M.A., 1926 F., E.	Austin
Moore, Jessie Susan	B.A., University of Texas, 1925 Ed., H.	Austin
Morgan, Herbert Bush	B.A., University of Texas, 1924 E. (P.S.)	Granbury
Morgan, Paul	B.A., University of Texas, 1914 E.	Georgetown
Moore, Victor Ivan	B.A., Southwestern University, 1917 L.	Austin
Morey, Elizabeth May	B.A., Vanderbilt University, 1903 H., S.	San Antonio
Morris, Henry Jones	B.A., University of Texas, 1900 S.	Temple
Morrow, Marie Betzner	B.A., University of Texas, 1922 B.	Mercedes
Morrow, Mary Morelza	B.A., University of Texas, 1926 E., H., S. (F.B.Ad., PS)	Cotulla
Morrow, Raymond M	B.A., University of Texas, 1923 Ed., H.	Rotan
Moseley, Joel Nathaniel	A.B., Simmons College, 1925 Ed.	Edgewood
Moursund, Andrew F., Jr.	B.A., University of Texas, 1916; M.A., 1926 M.	Fredericksburg
Mullins, Carroll L.	B.A., University of Texas, 1923 Ed.	Victoria
Mullings, Marcus Evans	B.A., Southwest Texas State Teachers College, 1924 M.	Post
Murray, Clyde Alexander	B.A., University of Texas, 1924; M.A., 1926 Ed., M.	Dallas
Murray, Weston L.	B.A., University of Texas, 1917 Ed., H., Gov.	Gordon
Myers, Ila Mae	B.S., North Texas State Teachers College, 1922 H.	Austin
Myrick, Frances Louise	B.A., University of Texas, 1923 (B.Ad.)	Austin
Nance, Winnie D.	B.A., University of Texas, 1922; M.A., 1925 Ed., H.	Duncanville
Neely, Sue	B.A., University of Texas, 1925 H., Gov.	Austin
Nelson, George F.	B.A., University of Texas, 1926 M.	Mt. Calm
Nelson, Mrs. Mary McKenney	B.S., East Texas State Teachers College, 1925 Ec.	Waco
Nelson, Thomas Robert	B.A., Polytechnic, 1910 M.	Bryan
Nelson, William Aubrey	B.A., East Texas State Teachers College, 1917 M.	Waco
Netterville, Mrs. Dora Givens	B.A., University of Texas, 1910 E., B.Ad.	Austin
	B.A., University of Texas, 1909; M.A., 1922	

Newbrough, Eloise Jane	S., Ed. E.	Austin
Newlee, Frank Henry	B.A., Baylor University, 1903 H.	San Antonio
Newton, Guy Thornwel	B.A., University of Texas, 1924 Ed., M.	Cameron
Niebuhr, Angela Alwine	B.A., University of Texas, 1922 H. (B.Ad.)	Brenham
Nolen, Ben	B.A., University of Texas, 1918 Gov.	Louise
Norris, David H.	B.A., University of Texas, 1925 Ec., H.	Tyler
Norwood, Mary Ruth	B.A., North Texas State Teachers College, 1921 Ed.	Abilene
Notley, Llewellyn	B.A., University of Texas, 1923 Ed.	Teague
Niissle, Charles J.	B.A., University of Texas, 1925 Ec.	Houston
O'Byrne, Sister Michael E.	B.A., University of Texas, 1913 A.M., P. (D.)	San Antonio
Oldham, Mabel Ruth	B.A., Incarnate Word College, 1925 M.	Dallas
Owen, Chilton Ross	B.A., Southern Methodist University, 1920 Ed., H., P.	Crosbyton
Pace, Jarrette Boyle	B.A., University of Texas, 1925 M., A.M.	Ballinger
Parker, Lois Emily	B.A., Southwestern University, 1921 Ed.	Austin
Parnell, John F.	B.A., University of Texas, 1921 Ed.	Jasper
Paton, James Ferris	B.A., Union University, 1920 B.Ad.	Buffalo
Peel, Alice Dexter	B.A., Baylor University, 1922 F., S.	Austin
Peck, Leigh	B.A., University of Texas, 1926 E. (P.S.)	Caldwell
Perrin, Eugene Allen	A.B., North Texas State Teachers College, 1922 Ed., P.	Goliad
Perry, Robert Dawson	B.A., Southwestern University, 1917 M., Psy.	Goliad
Pfeiffer, O. A.	B.A., Southwest Texas State Teachers College, 1923 Ec., Ed.	San Antonio
Phenix, John Dewey	C.E., University of Texas, 1898 P.	Kaufman
Phillips, Eleanor	B.A., University of Texas, 1924 Ed., H.	Rockdale
Pile, William Albert	B.A., Southwestern University, 1922 Ed., M.	Dallas
Plummer, Leonard Broadnax	B.A., University of Texas, 1908 E.	Roswell, N.Mex.
Plummer, Lottie	B.A., Southwestern University, 1916 E.	Houston
Plummer, Ona	B.A., University of Texas, 1919 E., H.	Waxahachie
Pool, Hope	A.B., Trinity University, 1917 E.	Lindale
Pope, Henry David	B.A., Union University, 1924 Ed., Ec.	San Angelo
Posey, Meredith Neill	B.S., University of Alabama, 1920 Ed.	Austin
Powell, Everett A.	B.A., University of Texas, 1922; M.A., 1924 H., Ec.	Cisco
Pressley, Ruth P.	B.A., Phillips University, 1922; M.A., 1926 E.	Austin
Preston, Joseph Bradford	B.A., University of Texas, 1919; M.A., 1921 Ed., H.	Austin
Price, Ira Olive	B.A., Park College, 1920; M.A., 1922 H.	Austin
Price, Rufus Elmer	B.A., University of Texas, 1923 Ed.	Nacogdoches
Pritchett, Robert Thomas	B.A., University of Texas, 1920 H.	Corpus Christi
Pyle, Earl Whatley	B.A., University of Alabama, 1910; M.A., University of Texas, 1925 Ed., H.	Woodville
Raby, Miriam	B.A., Howard Payne College, 1916 Ed., H.	Gatesville
	B.A., Texas Woman's College, 1921	

Racey, Mary Helen	Ed.	San Antonio
	B.S. in H.E., University of Texas, 1924	
Ralson, Hugh Elsworth	Ed., H.	San Marcos
	B.S., Southwest Texas State Teachers College, 1923	
Rees, Paul Klein	M.	Center Point
	B.A., Southwestern University, 1923; M.A., University of Texas, 1925	
Rees, Warren Alonzo	M.	Center Point
	B.A., Southwestern University, 1921	
Reese, Ruth Sarah	Ed. (P.S.)	Austin
	B.A., University of Texas, 1921	
Reid, Joseph Warren	H.	Lubbock
	A.B., Simmons College, 1921; M.A., University of Texas, 1924	
Renshaw, Ralph Raymond	Ec., M.	Decatur
	B.S. in Ch.E., University of Texas, 1926	
Reynolds, James Robert	H.	Mt. Pleasant
	B.A., University of Texas, 1925; M.A., 1925	
Rhodes, Benjamin F.	H.	Morrelton, Ark.
	M.A., University of Oklahoma, 1920	
Rich, Wiley D.	B.A., University of Texas, 1922	El Campo
Richardson, Rupert Norval	H.	Abilene
	A.B., Simmons College, 1912; Ph.B., Chicago, 1914; M.A., University of Texas, 1922	
Richie, Emily Mary	H., Psy.	National City, Calif.
	B.A., University of Texas, 1924	
Rickard, John Allison	Ed., H.	O'Donnell
	B.A., North Texas State Teachers College, 1924	
Rix, Genevieve Stone	E.	San Antonio
	B.A., University of Texas, 1925	
Roberts, Minnie Young	E., Ec.	Corsicana
	B.A., University of Texas, 1923	
Roberts, Laura	Gov. (P.S.)	Winters
	B.A., University of Texas, 1925	
Roberts, Myrtle	Ed., H.	Royse City
	B.A., East Texas State Teachers College, 1920	
Robertson, Martha Ann	B.Ad.	San Antonio
	B.A., University of Texas, 1926	
Robins, Alphonse	(Ed.)	Leeds, England
	B.A., University of Texas, 1925; M.A., 1926	
Robinson, Edith Lucile	Ec., E. (H.)	Eastland
	B.A., Simmons College, 1916	
Robinson, Henry Vernon	Ed., H.	Jewett
	B.A., University of Texas, 1925	
Rode, Otto Charles	H.	Caldwell
	B.A., Southwest Texas State Teachers College, 1921	
Rogers, Pauline Lowther	E.	Mart
	B.A., University of Texas, 1919	
Rogers, Thomas Guy	Ed.	San Antonio
	B.A., Southwest Texas State Teachers College, 1925	
Rogers, Thomas H.	Ed.	Houston
	B.A., National Normal University, 1901; B.S. in Ed., Ohio University, 1913	
Rogers, V. Zue	Ed.	Lamesa
	B.A., Trinity University, 1914	
Rose, Gladys	Gov., H.	Abilene
	B.A., University of Texas, 1918	
Ross, Mary Lowrance	E. (P.S.)	Mexia
	B.A., University of Texas, 1925	
Roy, Addie May	Ed., H. (M.)	Austin
	B.Lit., University of Texas, 1904	
Ruckman, Caroline Silsby	H.	Karnes City
	B.A., University of Texas, 1925	
Rutherford, Vera Randolph	E., H.	Austin
	B.A., University of Texas, 1925	
Sams, Vera E.	E.	Gatesville
	B.A., Baylor University, 1918	
Sanford, Mary Charlotte	(An.), Gk., Phil.	Sherman
Schiller, Irene	E., Phil.	Lott
	B.A., University of Texas, 1926	
Schmidt, Charles F.	Ec., H.	Brenham
	B.A., Baylor University, 1920	
Scott, Lorine Elizabeth	Ed (B.Ad.)	Austin
	B.A., University of Texas, 1923	
Scully, Helen Margaret	(B.Ad.)	Austin
	B.S. in Ed., University of Texas, 1926	
See, Robert S.	B.Ad.	Brownwood
	B.A., Howard Payne College, 1923	

Shannahan, Martha Claire	Arch.	San Antonio
	B.A., University of Texas, 1924	
Sharborough, Virginia Welch	Ed. (F., Ger.)	Austin
	B.A., University of Texas, 1925	
Shelby, Thomas H.	Ed.	Austin
	B.A., University of Texas, 1907; M.A., University of Chicago, 1921	
Shepperd, Anne Enola	(F.)	San Antonio
	B.A., University of Texas, 1912; M.A., 1925	
Shifflette, Ruth Karlene	E., Ec., H.	Marble Falls
	B.A., University of Texas, 1922; M.A., 1925	
Shuford, Iris Lenora	Gov. (H.)	Austin
	B.A., University of Texas, 1922	
Shirley, Pauline	Ed., M.	Austin
	B.A., Baylor University, 1920	
Sikes, Pressly Spinks	H., Ed., Gov., Ec.	Carthage, Miss.
	B.S., Mississippi A. and M. College, 1923	
Silvey, Clel Thurman	Ec.	Austin
	B.A., University of Texas, 1924	
Simmons, Carroll Day	Ec.	Austin
	B.B.A., University of Texas, 1924; M.B.A., 1924	
Skidmore, Margaret Doris	L.	Denton
	A.B., North Texas State Teachers College, 1922	
Slavens, Stanley G.	Phil.	Austin
	B.A., University of Texas, 1925	
Slone, H. Gray	Ec.	Buckholts
	A.B., Baylor University, 1924	
Smith, Boyce	E., Ed.	Huntsville
	B.A., Sam Houston State Teachers College, 1922	
Smith, Charles Aubrey	B.Ad.	Austin
	B.B.A., University of Texas, 1921	
Smith, Elizabeth Nina	F., E.	Austin
	B.A., University of Texas, 1925	
Smith, Frances Bernard	S., Ed.	Houston
	B.A., Baylor University, 1914; M.A., University of Texas, 1925	
Smith, Frederick A.	Gov.	Austin
	A.B., Baylor University, 1914; M.A., University of Texas, 1925	
Smith, Mabel Brooks	E.	Colorado
	B.A., University of Texas, 1923	
Smith, Ruby Cumby	S.	Denton
	B.A., University of Texas, 1916; M.A., 1919	
Smith, Stella Quarles	M., Ed., S.	San Antonio
	Degree of Pedagogy, State Normal of Missouri, 1911	
Smith, William Roy	Ed.	Austin
	B.A., Abilene Christian College, 1921	
Snellings, Dorus Alvin	E.	Austin
	B.A., University of Texas, 1923; M.A., 1924	
Spears, Mary C.	H., Ed.	Dallas
	B.A., Georgetown College, 1899	
Sprinkle, Albert M.	Ed.	Caddo Mills
	B.A., East Texas State Teachers College, 1925	
Spruce, Eunice	Ed., H.	Floresville
	B.A., University of Texas, 1923	
St. Clair, Grady S.	H., Ed.	Llano
	B.A., Baylor University, 1921	
Staleup, J. Raymond	Ed.	Brownwood
	B.A., University of Texas, 1920	
Stanley, Oma	E. (Ger.)	Tyler
	B.A., University of Texas, 1926	
Stephenson, Robert Clarence	F., S.	Austin
	B.A., University of California, 1916	
Stoker, D. L., Jr.	Ed., H.	Grandview
	B.A., Baylor University, 1925	
Stovall, Floyd	H.	Austin
	B.A., University of Texas, 1923; M.A., 1924	
Struthers, Adeline	Ed., E.	Austin
	B.A., Baylor University, 1924	
Sturdivant, J.	C., M.	Greenville
	B.A., University of Texas, 1926	
Takeuchi, S. H.	Phil., Gov., H.	Tatsuno, Hyogo Ken, Japan
	B.A., University of Texas, 1925; M.A., 1926	
Tampke, Robert August	Ec.	San Marcos
	B.A., North Texas State Teachers College, 1923	
Tannich, Richard Edgar	C...	Weimar
	B.S. in Ch.E., University of Texas, 1925	

Taylor, Douglas Barnes	Ed.	Austin
	B.A., University of Texas, 1922	
Thatcher, Bess Hill	H.	Austin
	B.A., University of Texas, 1909	
Thaxton, Mary Louise	F., Ed.	Clyde
	B.A., Texas Woman's College, 1923	
Temple, Van Benson	(M.)	Sallis, Miss.
	B.S., University of Mississippi, 1916	
Thomas, James Louis	M.	Austin
	B.A., University of Texas, 1917; M.A., 1923	
Thompson, Dora Lay	Ed.	Austin
Thompson, Paul Jennings	B.Ad.	Austin
	B.J., University of Missouri, 1914	
Thibedeaux, Janice Elizabeth	Ed.	Houston
	B.A., Rice Institute, 1923	
Tillery, Jesse Grady	Ec., B.Ad.	Reagan
	B.B.A., University of Texas, 1921	
Topham, Laura	S., F., H.	Commerce
	B.A., University of Texas, 1919	
Trapp, Dorothy Marie	H.	San Antonio
	B.A., Our Lady of the Lake College, 1926	
Tucker, John Reginald	S., H.	Gordon
	B.A., University of Texas, 1925	
Turner, George Maddin	Ec., H.	Devine
	B.S., University of Mississippi, 1913	
Turner, Oran Elijah	H.	Knoxville, Tenn.
	B.A., University of Texas, 1920	
Tuttle, Tom H.	Ec., Phil.	Cameron
	B.A., University of Texas, 1925	
Tyre, William Homer	H.	Austin
	B.A., University of Texas, 1923; M.A., 1924	
Udinski, William Philip	M.	Austin
	B.S., University of Illinois, 1922	
Vaughn, Grover C.	M., B.Ad.	Denton
	B.A., University of Texas, 1921; M.A., 1925	
Vest, Lillian Tuttle	Ed.	Austin
	B.A., Southwest Texas State Teachers College, 1925	
Vinson, Clarence Holmes		Colt, Ark.
	L.I., Arkansas Normal, 1917	
Voight, Roland B.	Gov. (F.)	San Antonio
	B.A., University of Texas, 1925; M.A., 1926	
von Blittersdorf, Ben Louise	E., Ed., H.	Austin
	B.A., University of Texas, 1925	
Wagner, John Peter	Ec.	Winnfield
	B.A., Newberry College, 1909	
Walker, Myrle Louise	E. (F.)	Austin
	B.A., Baylor College, 1923	
Waller, John Lee Roy	(E.)	Austin
	B.S. in Ed., University of Oklahoma, 1923; M.A., University of Colorado, 1925	
Walling, Rosemary	Psy.	Austin
	B.A., University of Texas, 1925	
Walthall, Frances George	Ed., Phil.	Fort Worth
	B.A., University of Texas, 1925	
Ward, R. P.	Ec., Ed.	Edinburg
	B.A., University of Texas, 1924	
Ware, Lois Philip	(Ger.)	Austin
	B.A., University of Texas, 1917; M.A., 1924	
Watts, Maud Muller	E.	Laneville
	B.A., Southwest Texas State Teachers College, 1925	
Weaver, Findley	Ec. (F., Ger.)	Austin
	B.B.A., University of Texas, 1924; M.A., 1926	
Weaver, Thomas Pritchett	H. E.	Denton
	B.A., North Texas State Teachers College, 1925	
Webb, George Washington	Ec., Ed., H.	Richland
	B.A., Howard Payne College, 1923	
Welborn, Claude A.	Ec., H. (Ger.)	Austin
Wells, Rosa Alzada	H., B.Ad.	Rogers
Weyand, Mrs. Leonie Lena	Ed., H.	Ledbetter
	B.A., University of Texas, 1924	
White, Agnes	(P.S.)	Hamilton
	B.A., University of Texas, 1922	

White, Henry Ford	H.	Waco
B.A., Sam Houston State Teachers College, 1920; M.A., Baylor University, 1921		
White, Martin M.	Psy.	Temple
B.A., University of Texas, 1925		
Whitehead, Effie Eudora	Ed.	Austin
B.A., University of Texas, 1909		
Whitehead, Eugene S. J.	Ed., Phil.	San Antonio
B.A., Howard Payne College, 1921		
Whitley, Robert Love	E., Ec.	Commerce
B.A., East Texas State Teachers College, 1925		
Whyburn, Gordon Thomas	C., M.	Austin
B.A., University of Texas, 1925		
Whyburn, Mrs. Marie B.	An.	Austin
B.A., University of Texas, 1923		
Whyburn, William Marvin	M.	Austin
B.A., University of Texas, 1922; M.A., 1923		
Wick, Louise	E.	Wichita Falls
B.A., University of Texas, 1926		
Willbern, Glen DeWitt	S., Ed.	Brackettville
B.A., Southwestern University, 1920; B.S. in Ed., Southwestern University, 1923		
Williams, Amelia	Gov. (F., B.Ad.)	Austin
B.A., Southwest Texas State Teachers College, 1922; M.A., University of Texas, 1926		
Williams, Bessie	E., Ed.	Waxahachie
A.B., Trinity University, 1926		
Williams, Haidee Mae	Ed., S.	San Antonio
B.A., University of Texas, 1925		
Williams, Mrs. Maggie Lou	Ed.	Fort Worth
B.A., Judson College, 1922		
Williams, Robert Hill	Ed.	McKinney
B.A., University of Texas, 1918		
Williamson, Zack Andrew	Gov.	Coolidge
B.A., University of Texas, 1924		
Willingham, Dora Ann	Ed., Ec.	Gainesville
A.B., University of Chattanooga, 1925		
Willis, Mary Lucille	Ec.	Kirbyville
B.B.A., University of Texas, 1925		
Wilson, Ivie Queen	L., E.	Eastland
B.A., University of Texas, 1926		
Wilson, Maurine Theresa	(S.)	Austin
B.A., University of Texas, 1925		
Wilson, Trudie	L., S.	Houston
B.A., University of Texas, 1924		
Wilson, Virginia Grace	F., Ed., S.	Palestine
B.A., University of Texas, 1925		
Wimberly, Goree Alexander	(B.Ad.)	Rosebud
B.S., East Texas State Teachers College, 1926		
Wiseman, Katherine Hulton	Gov., H.	Floresville
B.A., University of Texas, 1924		
Wolf, Linnie	Ed.	Palacios
B.A., Baylor College, 1918		
Work, Mai Isabel	E.	Durant, Okla.
B.A., University of Oklahoma, 1917		
Wright, Annie Elizabeth	E., L.	Mullin
B.A., Daniel Baker College, 1913		
Wupperman, Alice Margaret	E. (F.)	Austin
B.A., University of Texas, 1926		
Yett, Eloise	Gov.	Austin
B.A., University of Texas, 1924		
Young, Paul Patterson	H.	Georgetown
B.A., Southwestern University, 1920		
Youngblood, John Joel	Ed., H.	Mart
B.A., University of Texas, 1916		
Younger, William Henry	Ed., H.	Tulia
B.A., West Texas State Teachers College, 1925		

SUMMARY

GRADUATE STUDENTS ENROLLED IN THE LONG SESSION, 1925-1926

	Men	Women	Total
GRADUATE SCHOOL (Individuals)	190	134	324

GRADUATE STUDENTS ENROLLED IN THE SUMMER SESSION, 1926

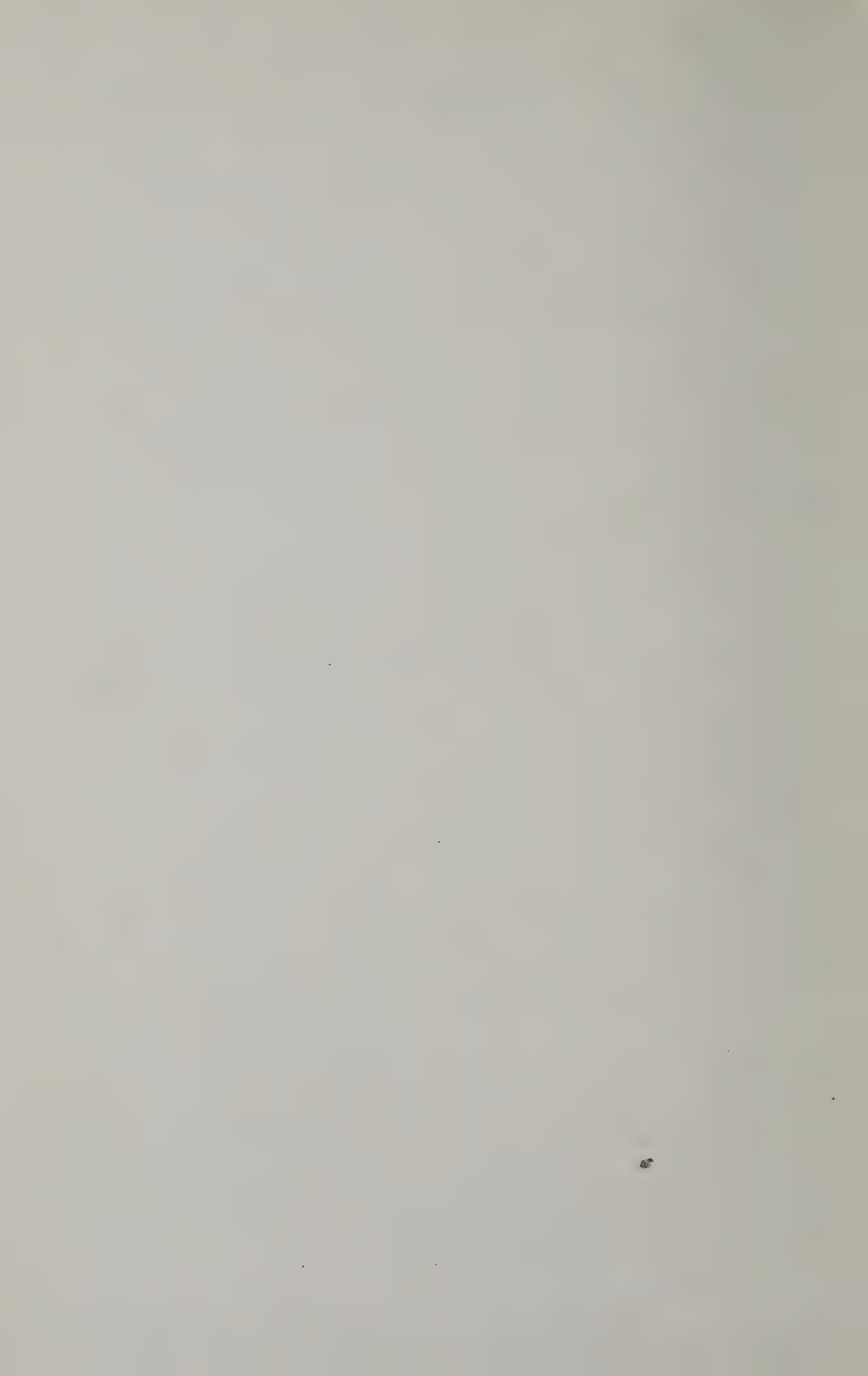
GRADUATE SCHOOL, First Term	248	251	499
GRADUATE SCHOOL, Second Term	232	158	390
Total	480	409	889
Names repeated	173	117	290

NET ENROLLMENT OF INDIVIDUALS IN THE SUMMER SESSION, 1926	307	292	599
TOTAL NUMBER OF GRADUATE STUDENTS ENROLLED IN THE GRADUATE SCHOOL, September 20, 1925, to August 31, 1926	497	426	923

CORRIGENDA

Page 17, line 16 from bottom: For "HOMER WALKER JOSSELYN, PH.D., *Research Investigator, General Educational Board,*" read "*Formerly Research Investigator, Carnegie Foundation.*"

Page 123, line 21: For "HOMER WALKER JOSSELYN, PH.D., *Research Investigator, General Educational Board,*" read "*Formerly Research Investigator, Carnegie Foundation.*"



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